Book of Paths

The One

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John 312

The Book of Paths

Saturday, September 23, 2023

This book is the first book of a work called The Art of Prophecy which is a book introducing and proving the relationship between Language and Grammar. It introduces one to our Grammar Matrix, a matrix which uses binary recursion in its four basic configurations, Common Grammar, Arithmetic, Algebra and Geometry. Language is Universal and Intelligible, while Grammar is Particular and Perceptible, constructed by a species commensurate with its intelligence. What one acquires from this work will depend upon one's ability to effect the higher reasoning power of metaphor. It provides one with experience of intelligibles by experience using their own hand and their own mind, in a metaphor, which looked very good in the Prophets, but very bad in Revelation as the mark of the beast. It is a biological fact that we regulate behavior by turning the past into a future, and brining that future to pass. All a mind can do is process information, and that is an art which has little to do with learning to repeat the rubbish of mystics.

Normal people will not be able to make much of it. This book is not yet finished. When completed it will comprise four divisions, 1 Crossing Swords, 2 Swords on the Moon, 3 Observatory, and 4 Roll Away the Stone; the last section has more plates than the first three combined. The basics of this work is already in the work called Basic Analog Grammar Sample Dictionary. The work should be sufficient, if diligently studied, to make one confided in the fact that all grammar systems are designed, by biological fact, to afford a functioning mind with the Art of Prophecy, or again, the ability to predict the results of a data set using our four basic systems of grammar.

The majority of human science focuses on the perceptible; however, mankind is defined by his mind, the intelligible. Along these lines one would be hard pressed to find any perceptible examples in history which are focused on presenting examples which, by their very nature, aid in learning the fundamentals of intelligence. As the intelligible is not, nor ever can be perceptible, it does not mean that one cannot construct perceptible examples which must always adhere to the principles of these intelligibles. This is what these examples do, they show you examples which the grammar parallels the intelligible. This is what geometry brings to the table of grammar instruction; examples which isolate and clarify the intelligibles of information processing.

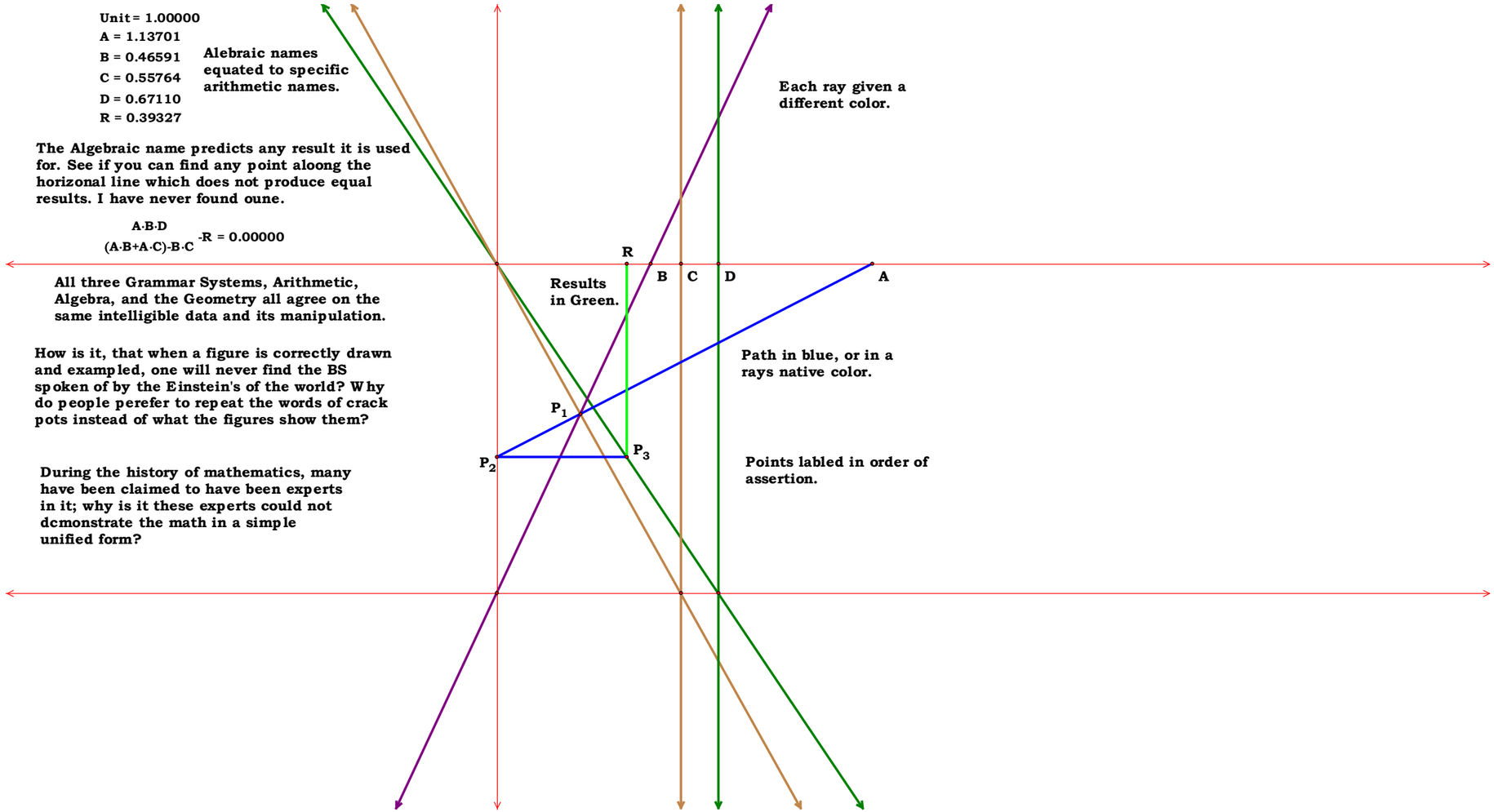
In this book, one will find the lines are divided into two categories. One category is called the ray, a line unterminated, i.e., infinite. The second category are what have been called line segments, terminated. The termination is traditionally called a point. The unterminated lines are the data line, or stand for the perceptible and the hypothetical nature of their infinitude. The terminated lines belong in the category of the grammar system by which the data is examined. The grammar affords us the ability to ask and answer questions about the data; for example, if such and such is done, than such and such will result. They clarify the prophetic nature of grammar and form the foundation of The Art of Prophecy.

The data is independent of the grammar, and the grammar is independent of the data. These examples can then be used to ask yourself questions in regard to those who claim that grammar effects the data and thus contaminates the result, for example the Einstein's and Schrodinger's, and is something else going on which is beyond the intelligence of these people? What is the actual source of the mythological stories in regard to information processing? Is there really some mythological circumstance whereby the simple operations used for information processing generate these mythologies, all of which include a host of self-referential fallacies, or is someone simply delusional due to a limited and insecure intelligence? Are the results of information processing derived from the principles of Grammar or from mythology even under the name of theory?

All of this, of course, involves the question; how easily are you persuaded to abandon simple truth? Can you improve your resistance to it?

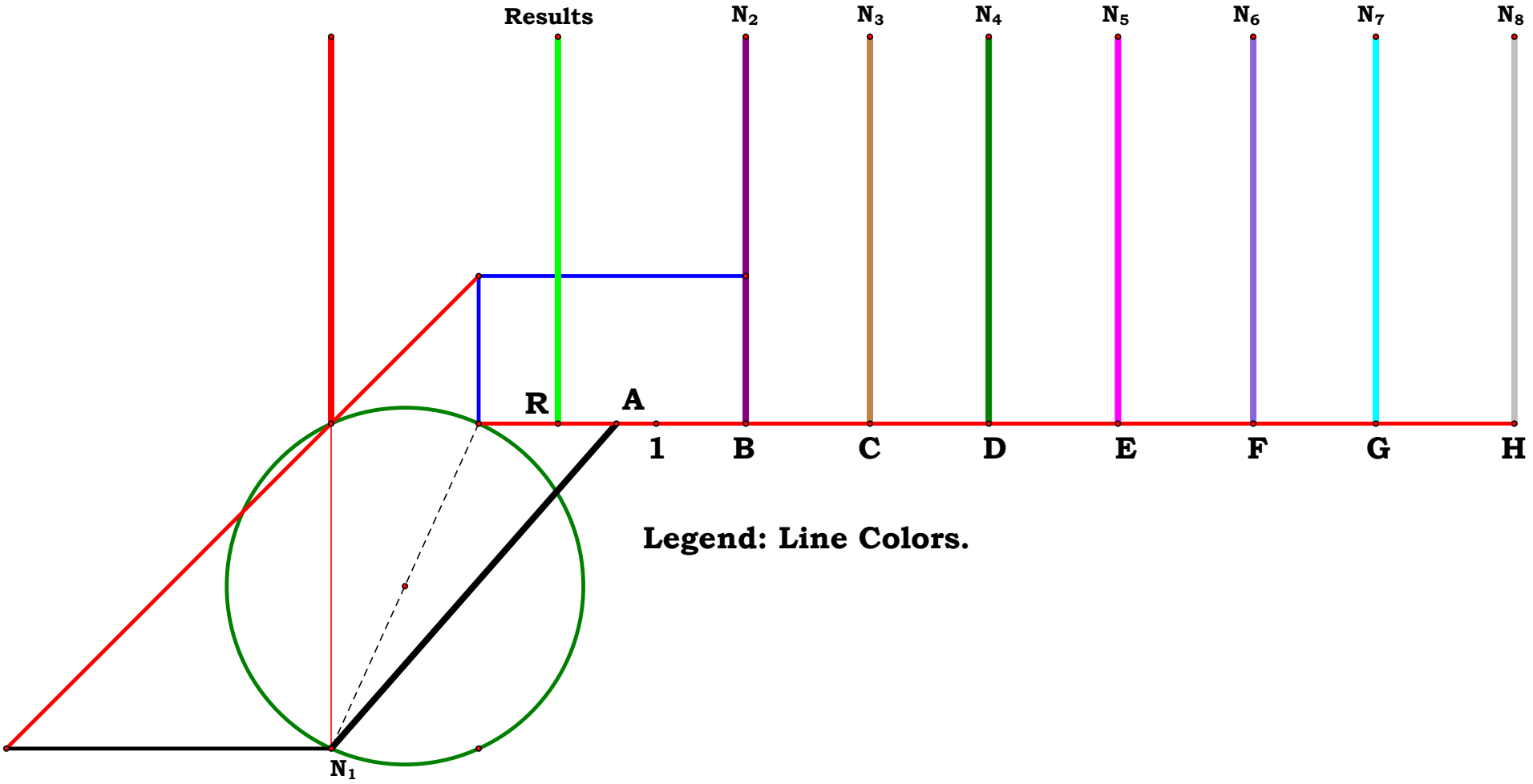
Do we testify to what we have seen, and speak of what we have known? In short, is grammar a pairing, what we say, with actual information, or is the pairing performed by pencil (mental) masturbation?

The best place to examine and learn the fundamentals of information processing is by using the simplest method of examination. This simple method has, however, no constraint on the complexity of the equations used in the examples, equations which, our mythologers all correct, as they say, by their own imagination. Mythology ports one away from the simple truth into a realm of obfuscation and confusion, separating one from any solid foundation. If you do not draw the examples in an interactive environment and let them teach you, you will not learn. If someone can show you the path to learning to be true, then it should follow that you need not listen to them about their fancy stories.



So, ask yourself, why is it when people speak of the paper, they perform their operations on as being crumpled, or as rigid rod's, clocks, plane surfaces heated over a campfire, or mysteriously corrupted measurements due to weather conditions which you cannot see, that these do not incite one to laugh? Why not simply say hocus pocus? What part of an equation is a clock, or anything else? If you cannot separate the perceptible from the intelligible, you certainly cannot know which is the grammar, and which is the data. What part of your education enforced the ground upon which a mind must operate in order to be true?

In geometry, there has been some who have protested about extending a line in a figure which produces some uncertainty, but here, in these examples, all the data lines are dismissed as being infinite. One is free to slice and dice them for use with some other purpose; but here we are examining the paths of grammar, of intelligence, which apply to all data.


Results
N2
N3
N4
N5
N6
N7
N8
R
A
1
B
C
D
E
F
G
H
N1
Legend: Line Colors.

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B = 0.24865

R = 0.46943

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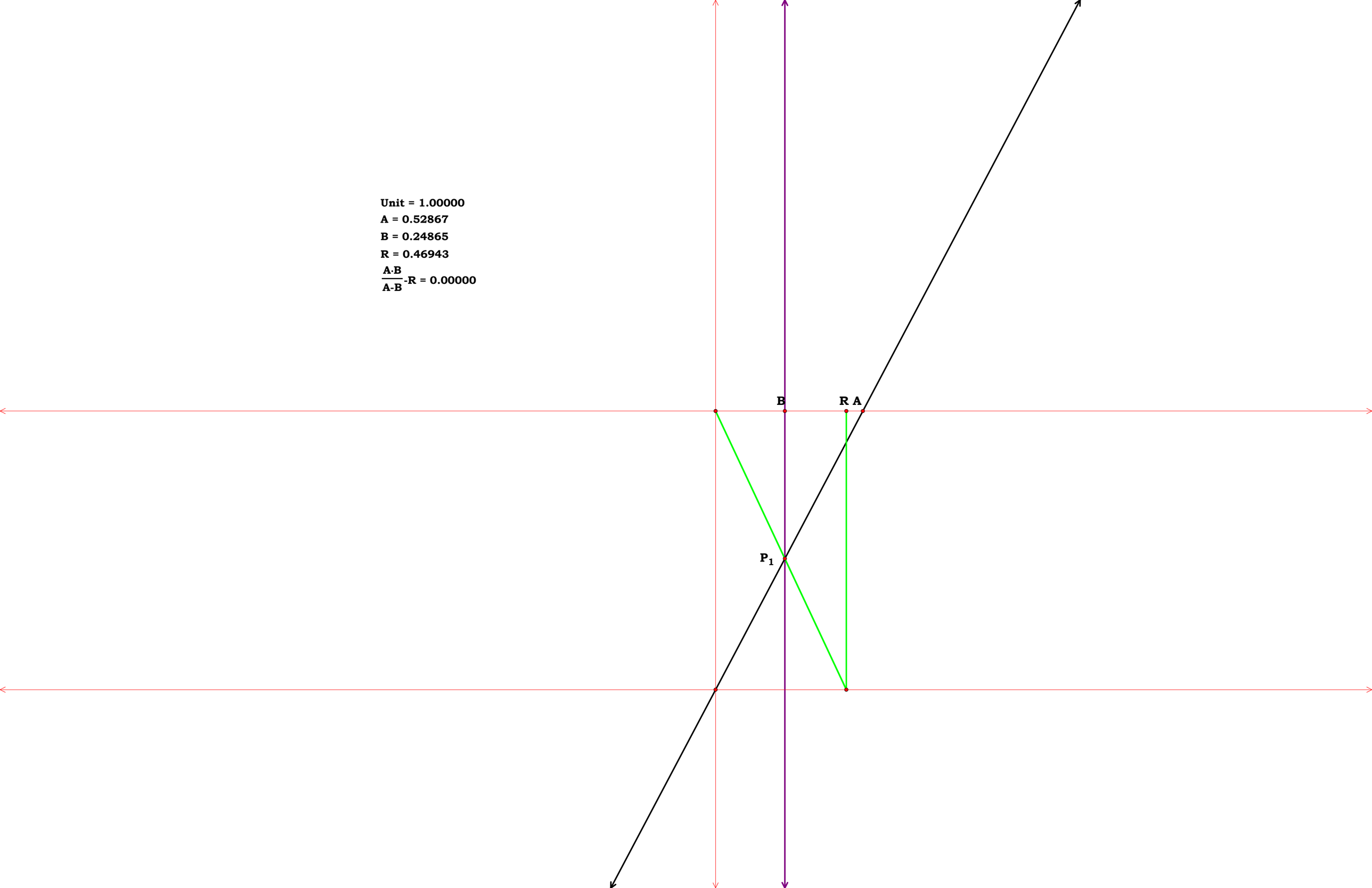

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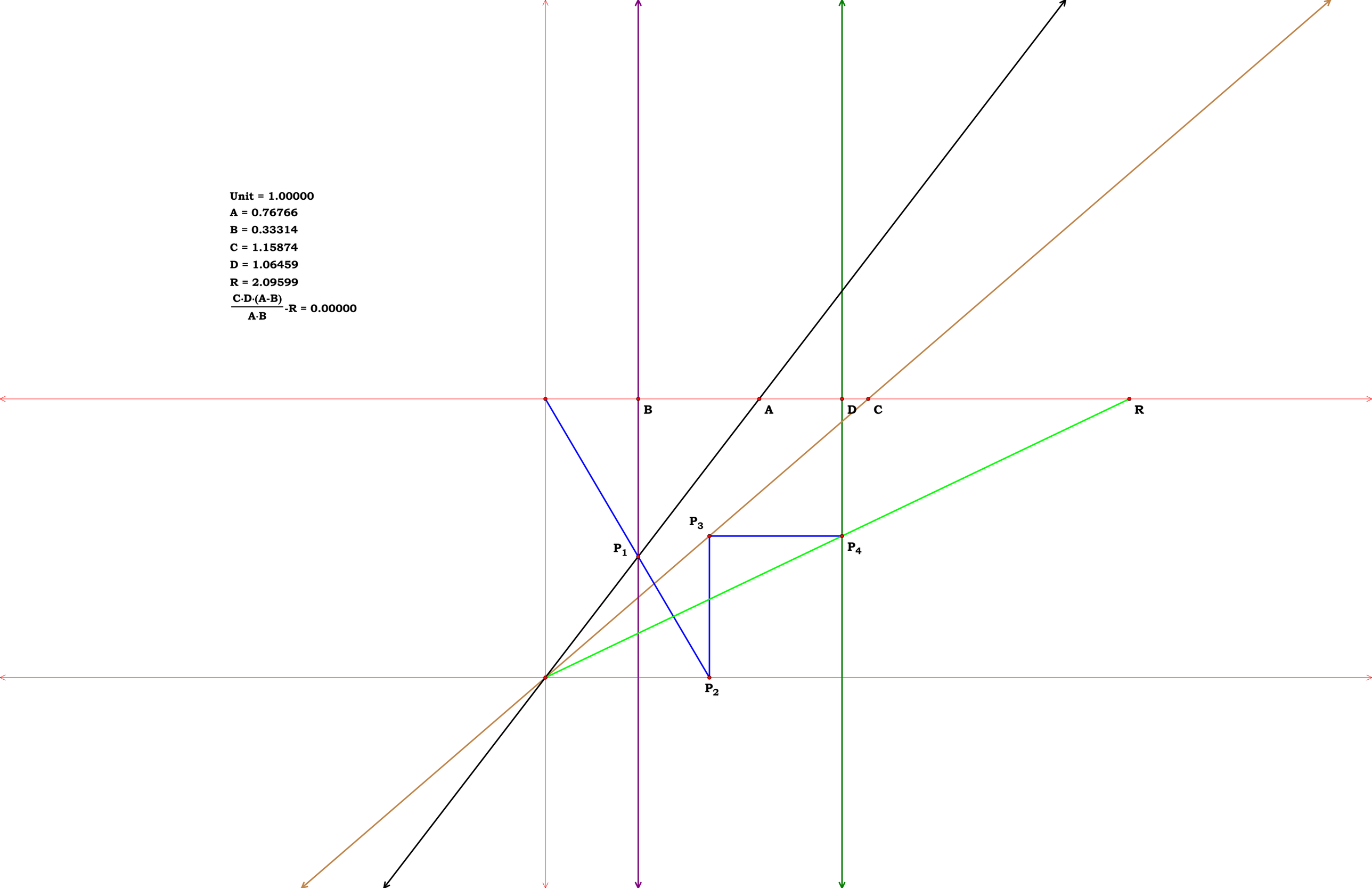

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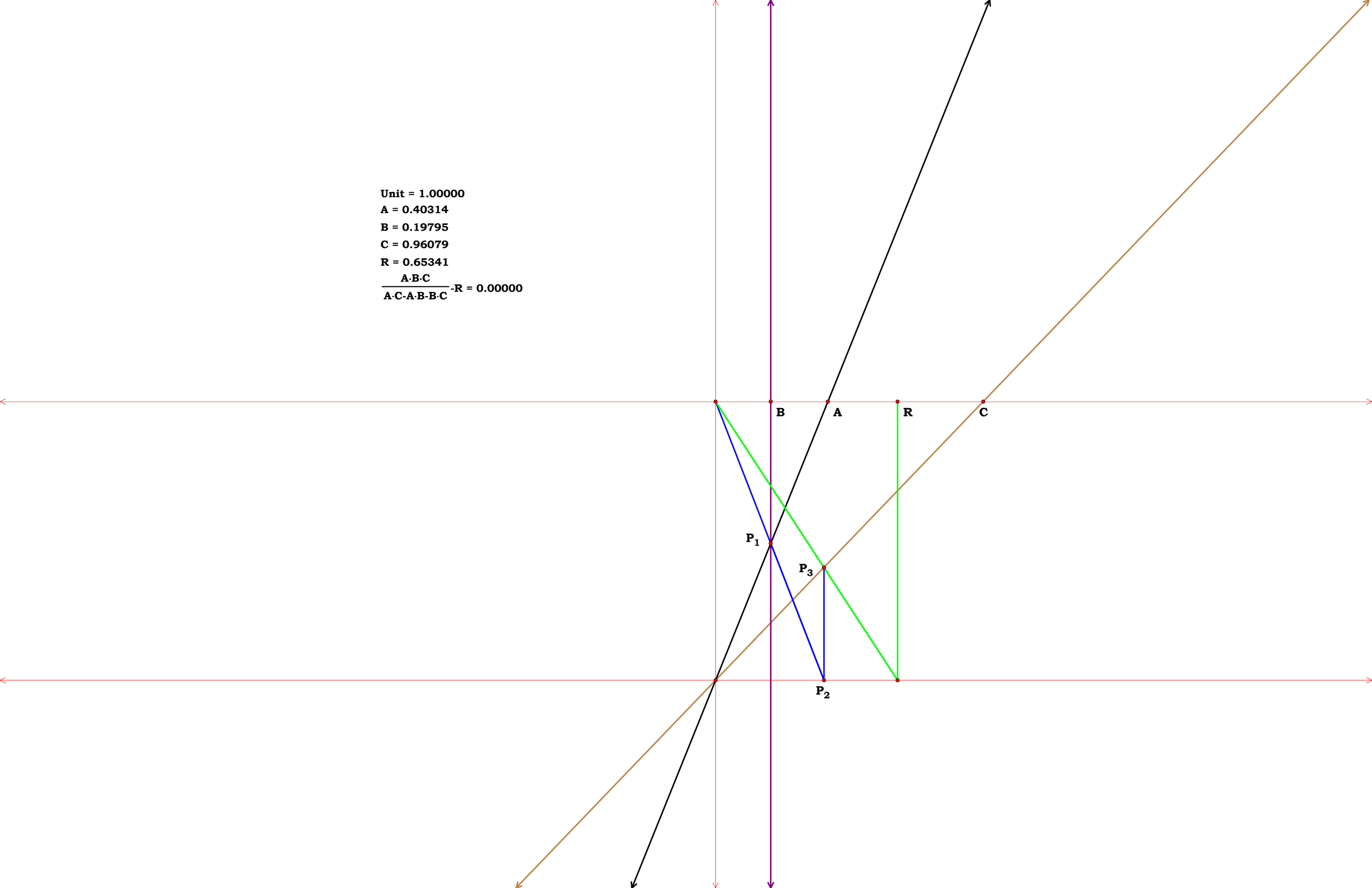

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C = 1.07183

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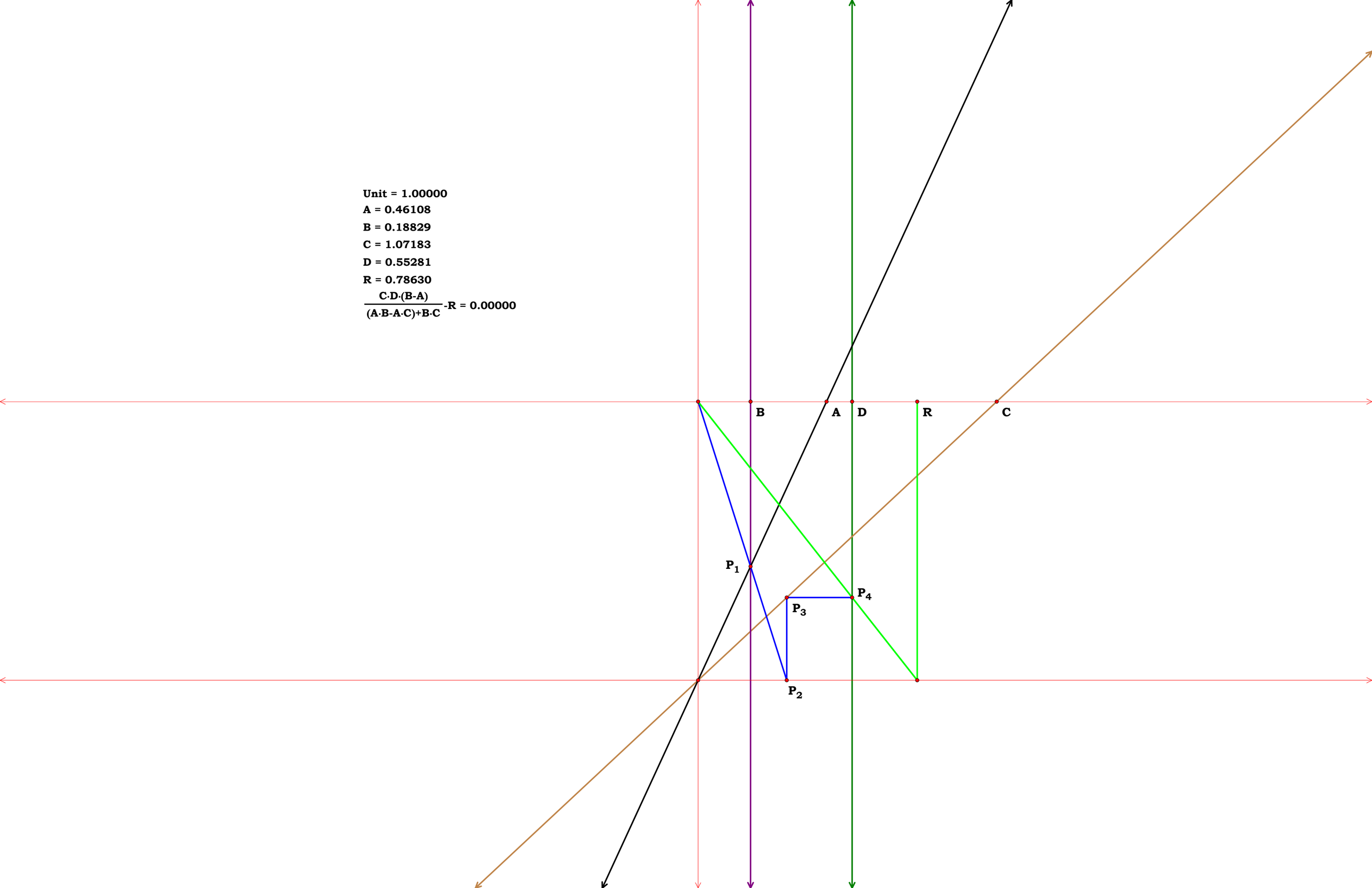

Unit = 1.00000

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C = 1.77914

R = 1.01184

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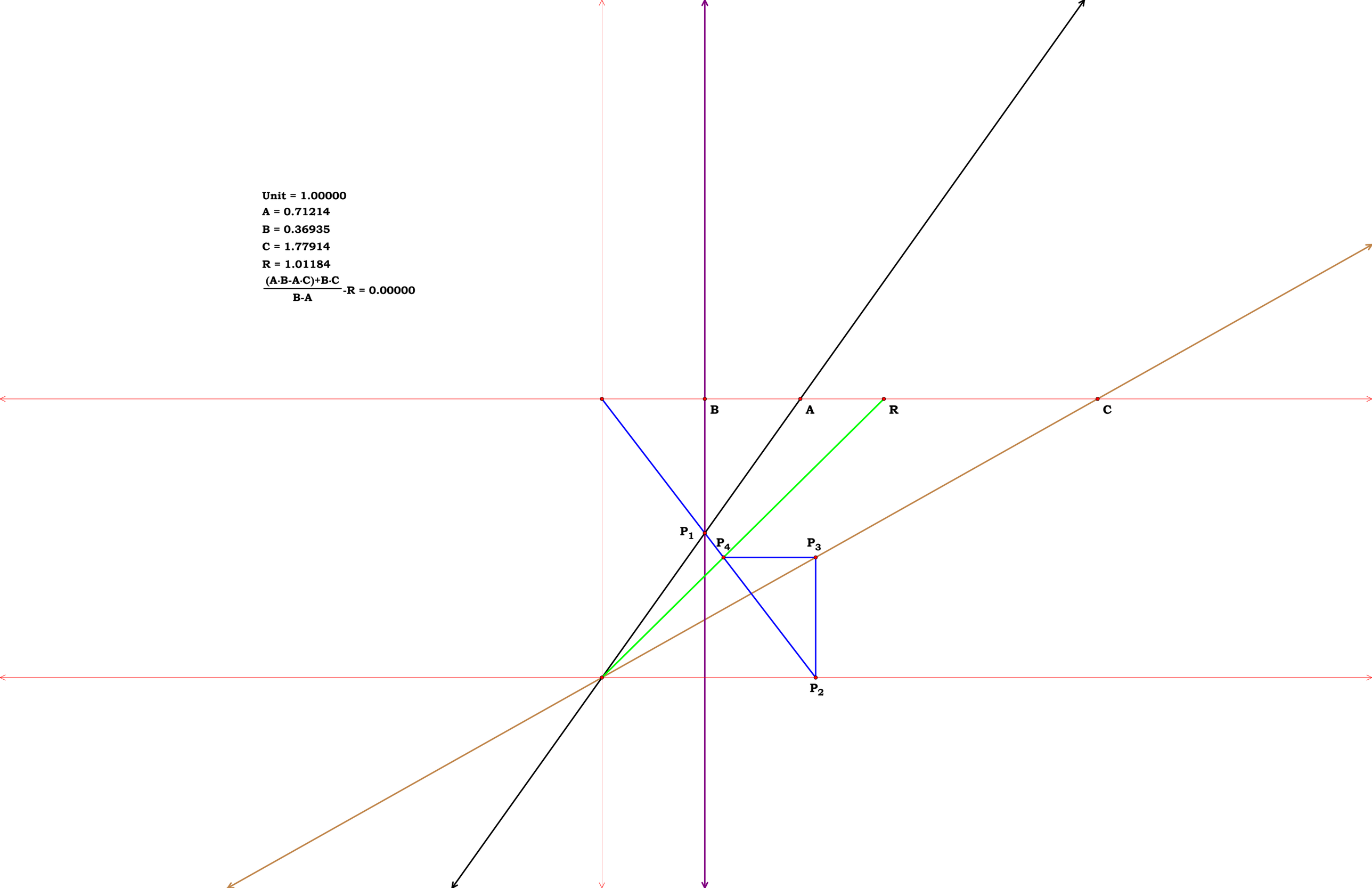

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R = 0.89693

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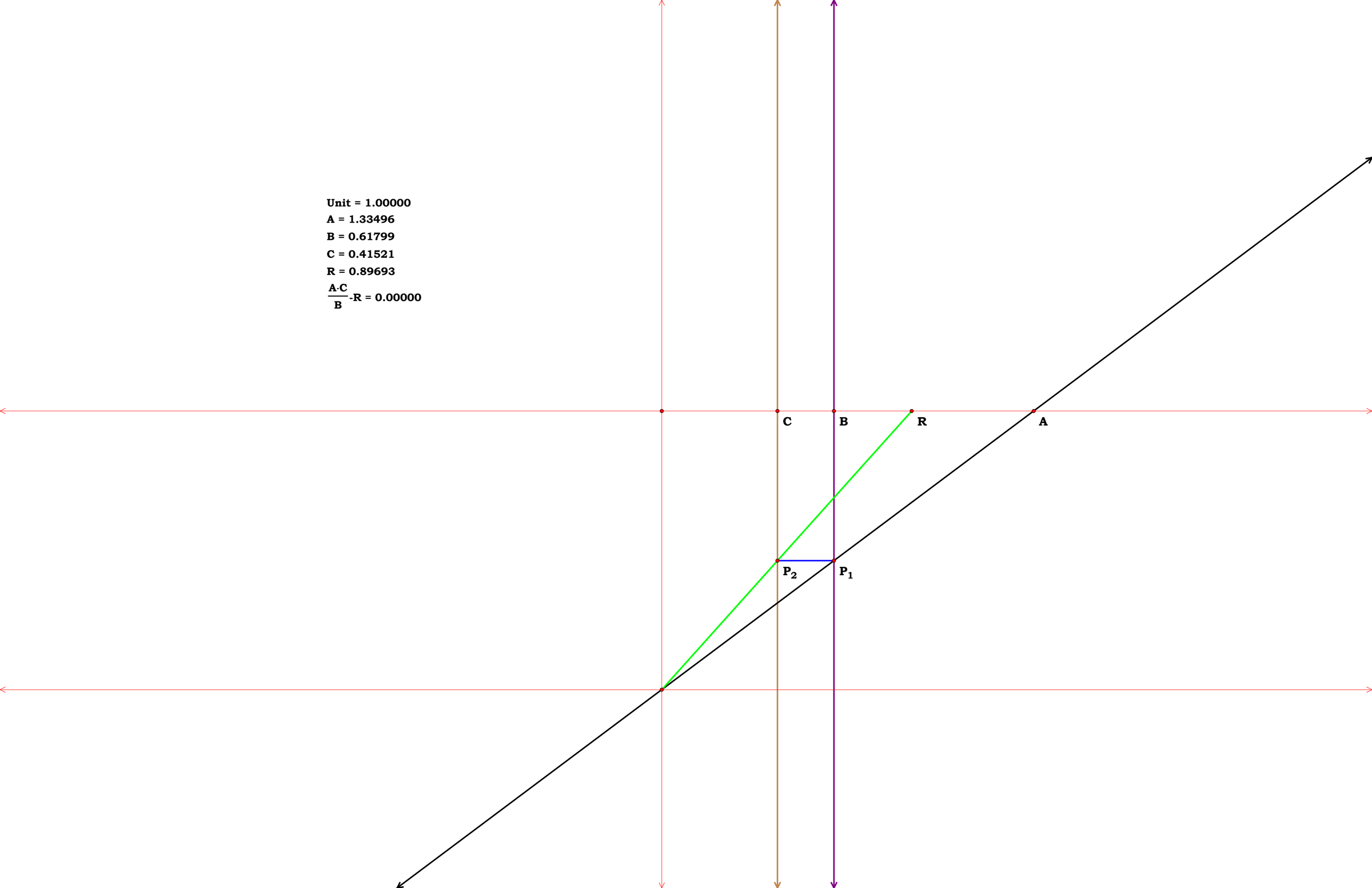

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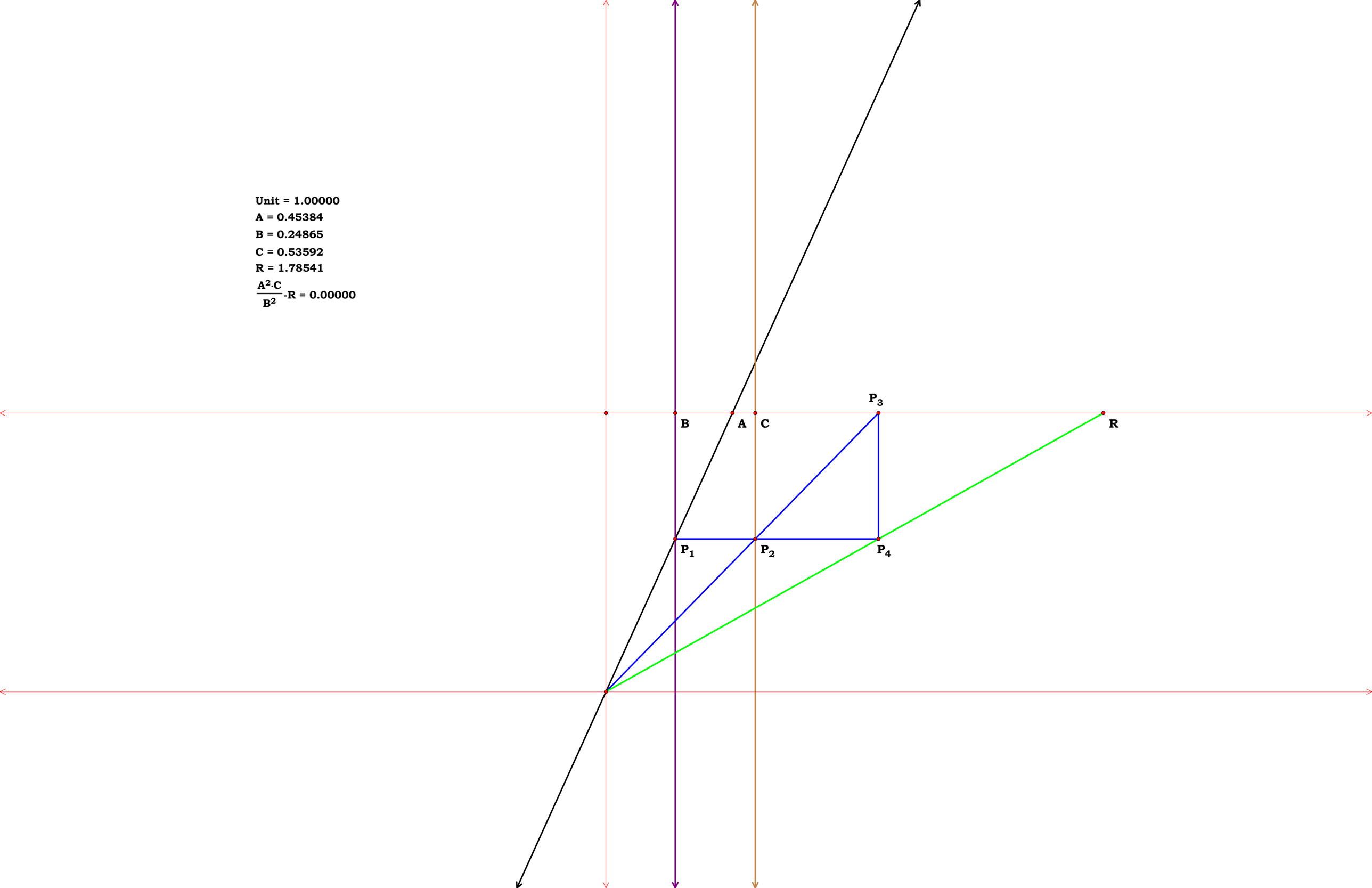

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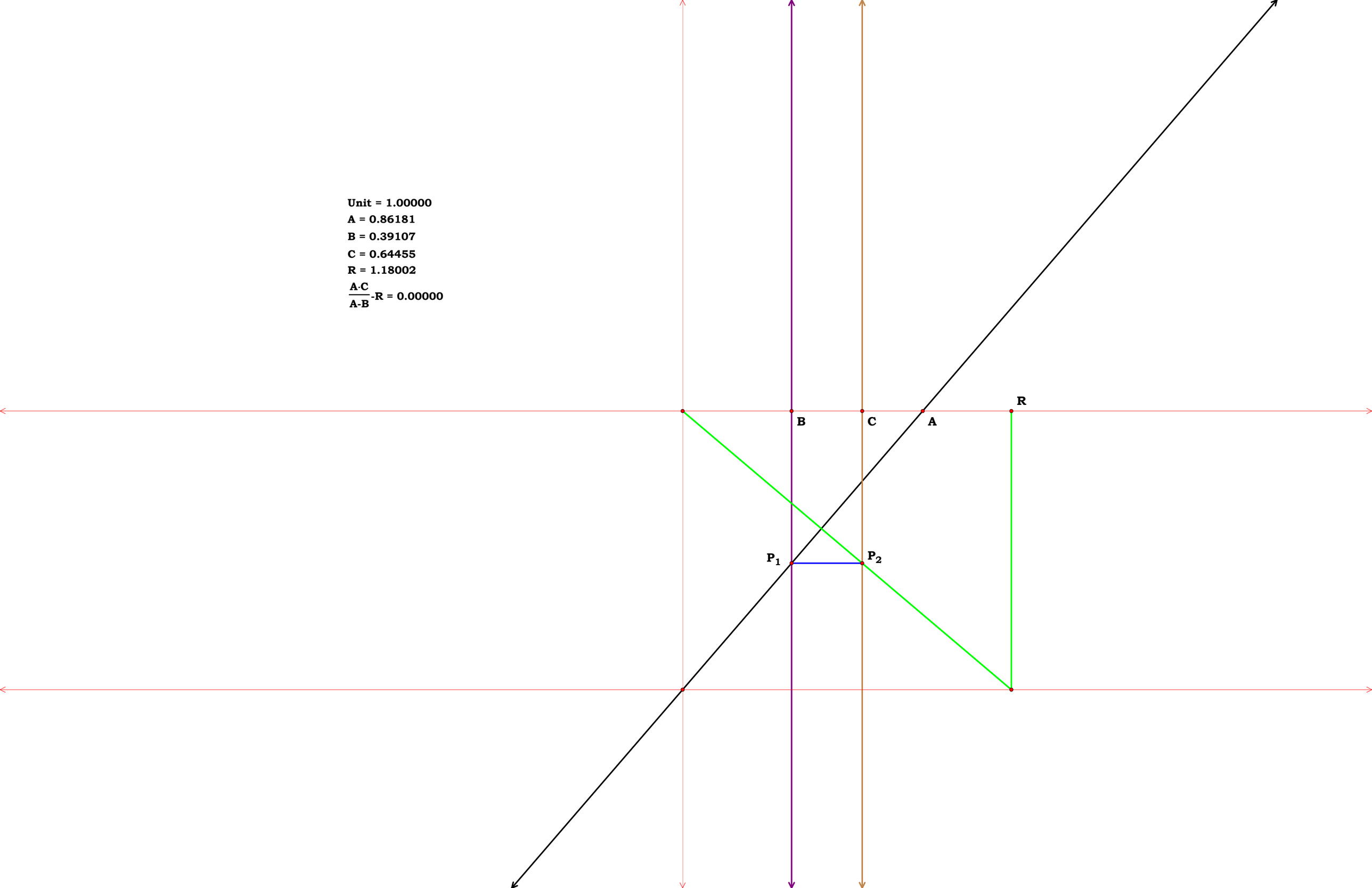
C = 0.64455

R = 1.18002

$\frac{A \cdot C}{A-B} - R = 0.00000$



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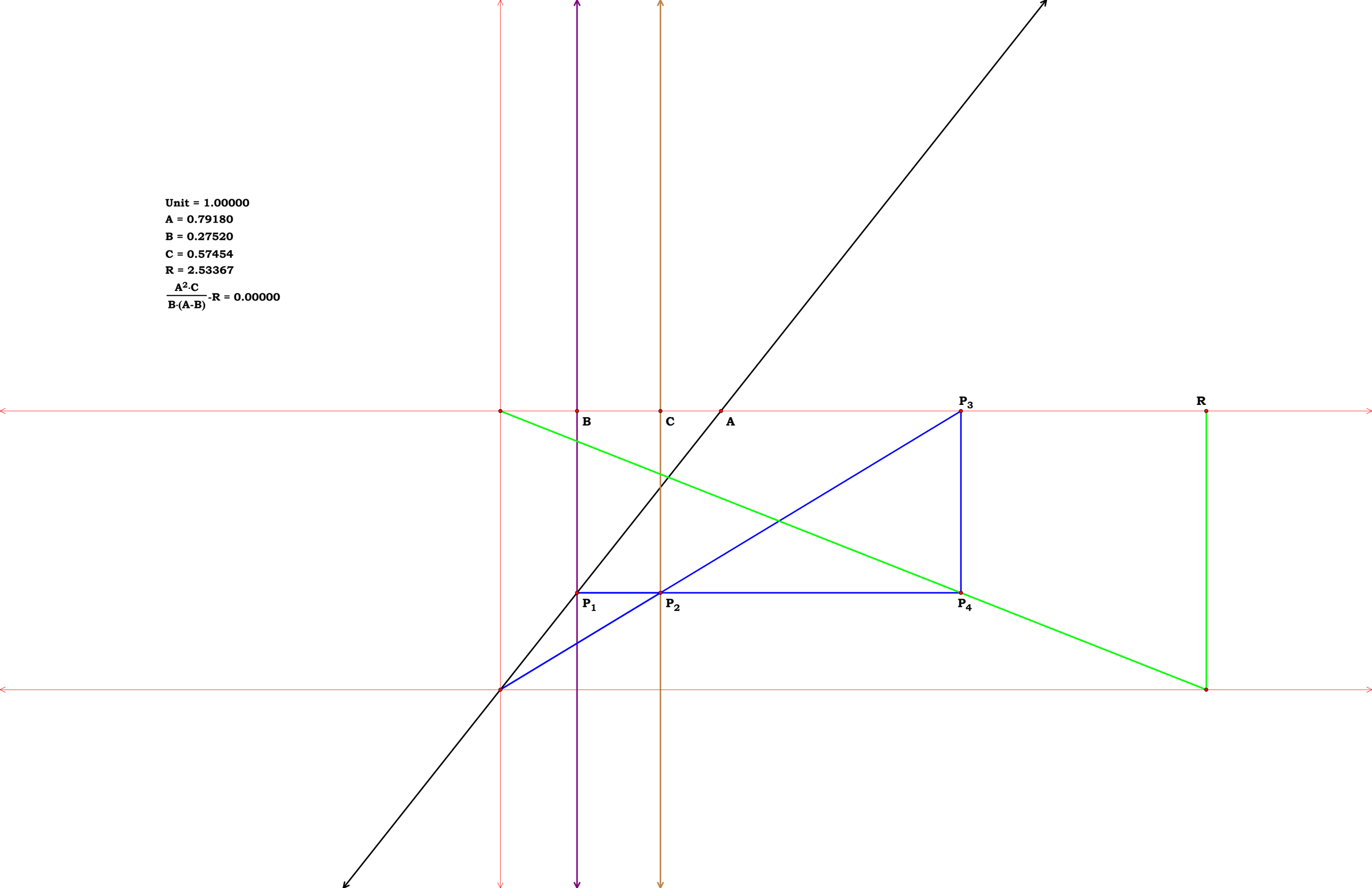
B = 0.27520

C = 0.57454

R = 2.53367

$\frac{A^2 \cdot C}{B \cdot (A-B)} - R = 0.00000$



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B = 0.31865

R = 0.22973

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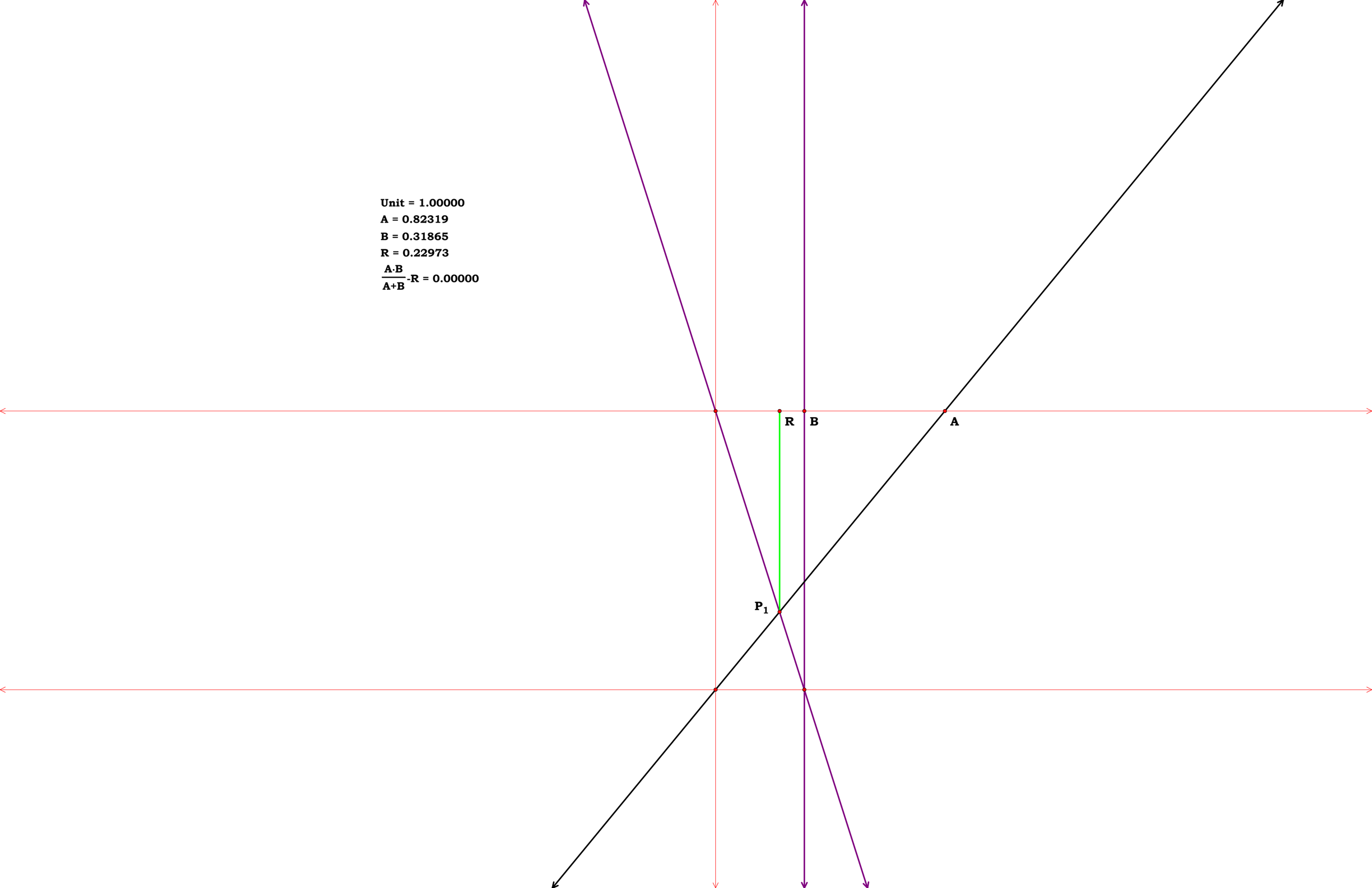


Unit = 1.00000

A = 0.77491

B = 0.99458

C = 1.28910

R = 0.32556

$$\frac{A \cdot B \cdot C}{A \cdot B + A \cdot C + B \cdot C} - R = 0.00000$$

R

P_2

A

B

C

P_3

P_1

Unit = 1.00000

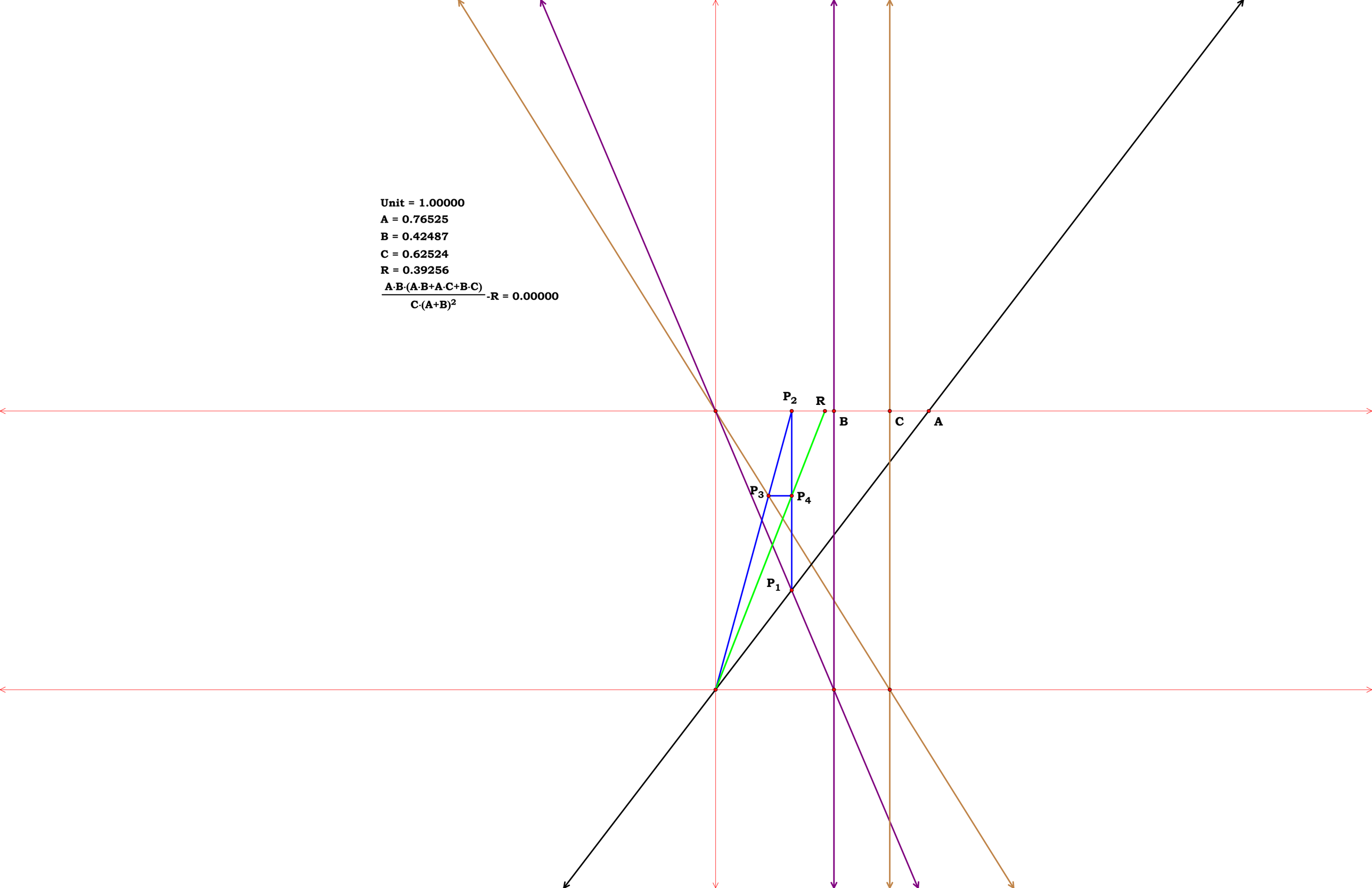
A = 0.76525

B = 0.42487

C = 0.62524

R = 0.39256

$$\frac{A\cdot B\cdot(A\cdot B+A\cdot C+B\cdot C)}{C\cdot(A+B)^2}-R = 0.00000$$



Unit = 1.00000

A = 0.77008

B = 0.27761

C = 0.56006

D = 1.07666

R = 1.46893

$$\frac{A\cdot D\cdot(B+C)+B\cdot C\cdot D}{C\cdot(A+B)}-R = 0.00000$$

P_2 B C A D R

P_3 P_4

P_1

Unit = 1.00000

A = 1.32772

B = 0.44660

C = 0.68800

R = 1.02219

$$\frac{A \cdot B + C \cdot (A+B)}{A+B} - R = 0.00000$$

P_2 B C R A

P_3 P_4

P_1

Unit = 1.00000

A = 0.95837

B = 0.44660

C = 0.62282

D = 1.19978

R = 0.80569

$$\frac{C \cdot D \cdot (A+B)}{A \cdot B + C \cdot (A+B)} - R = 0.00000$$

P_2 B C R A D

P_3

P_4

P_1

Unit = 1.00000

A = 1.09356

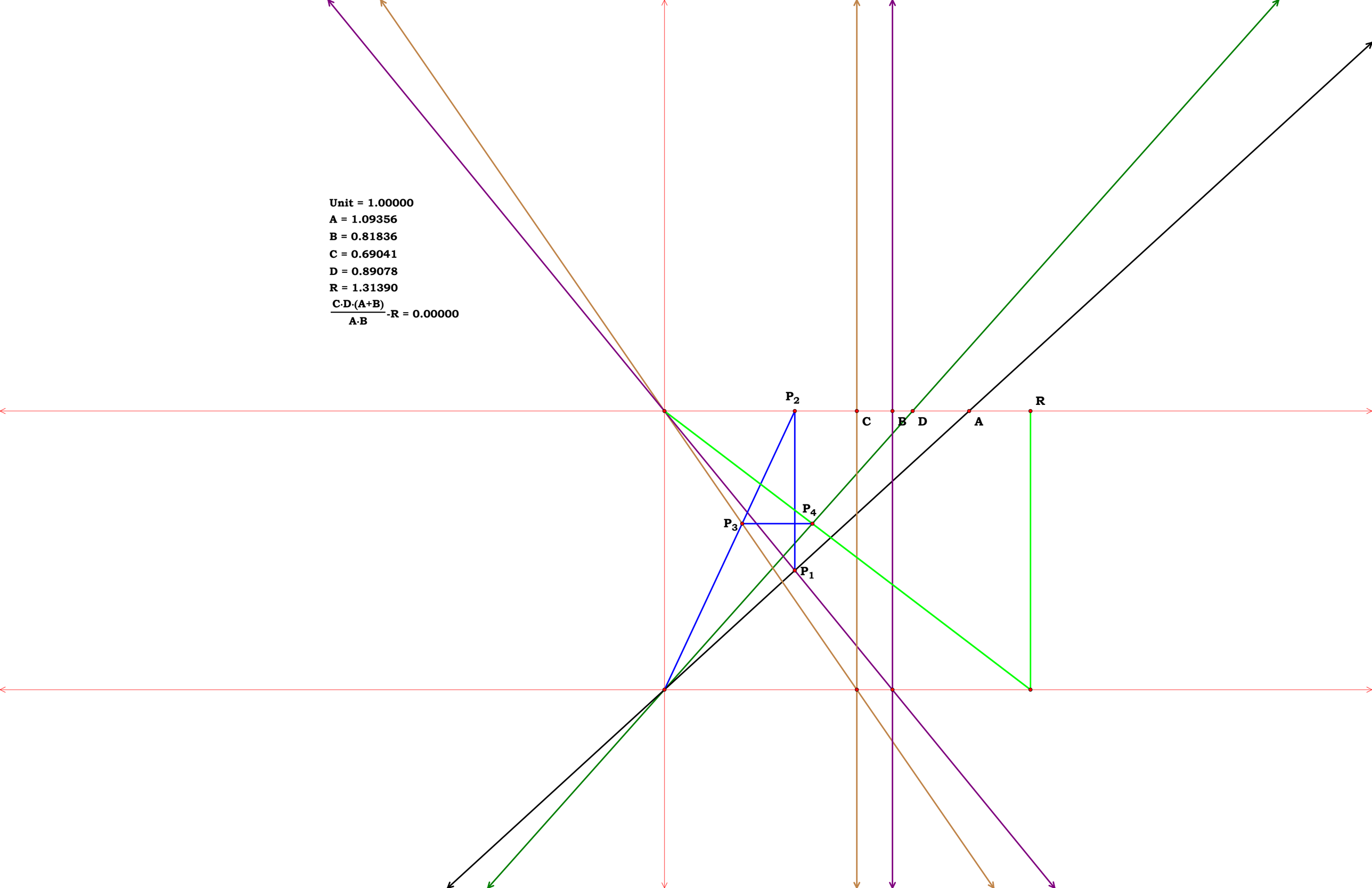
B = 0.81836

C = 0.69041

D = 0.89078

R = 1.31390

$\frac{C \cdot D \cdot (A+B)}{A \cdot B} - R = 0.00000$



Unit = 1.00000

A = 1.13701

B = 0.42487

C = 0.58420

D = 0.70731

R = 2.04328

$\frac{A \cdot B \cdot D + C \cdot D \cdot (A+B)}{A \cdot B} - R = 0.00000$

P_2

B

C

D

A

R

P_3

P_4

P_1

Unit = 1.00000

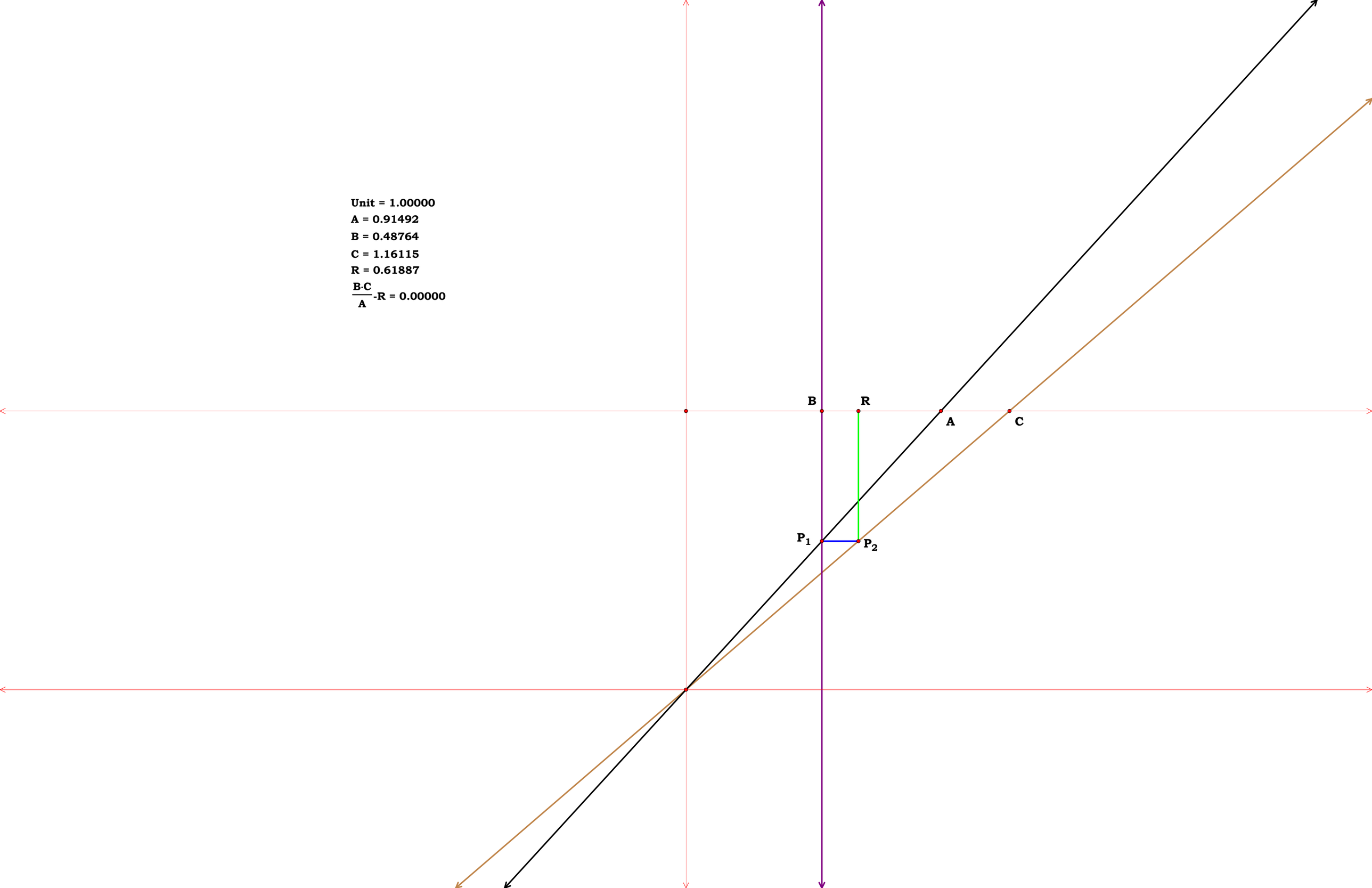
A = 0.91492

B = 0.48764

C = 1.16115

R = 0.61887

$\frac{B \cdot C}{A}$-R = 0.00000



Unit = 1.00000

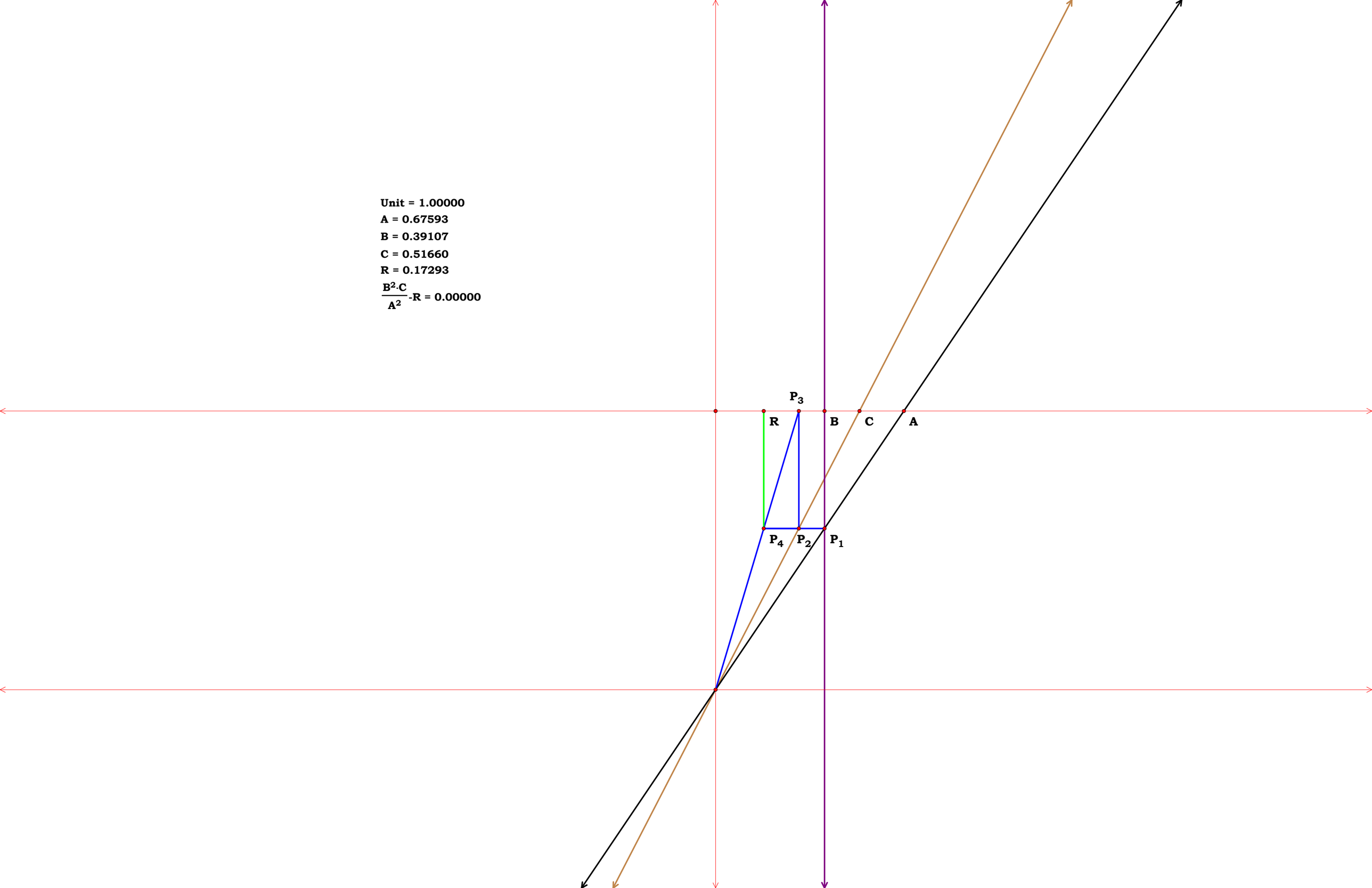
A = 0.67593

B = 0.39107

C = 0.51660

R = 0.17293

$\frac{B^2 \cdot C}{A^2} - R = 0.00000$



Unit = 1.00000

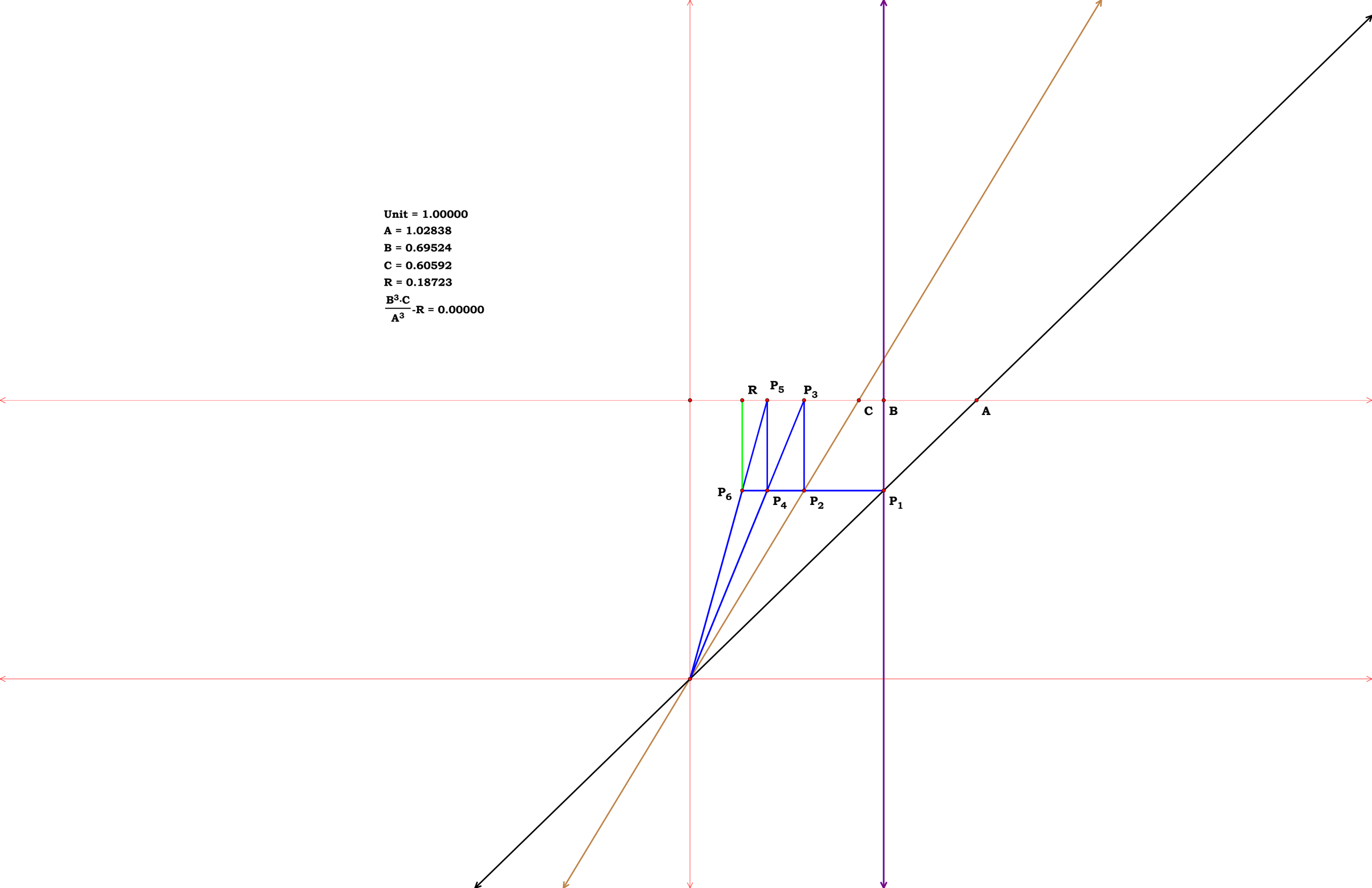
A = 1.02838

B = 0.69524

C = 0.60592

R = 0.18723

$\frac{B^3.C}{A^3}$-R = 0.00000



Unit = 1.00000

A = 1.00182

B = 0.78698

C = 0.74111

R = 1.67513

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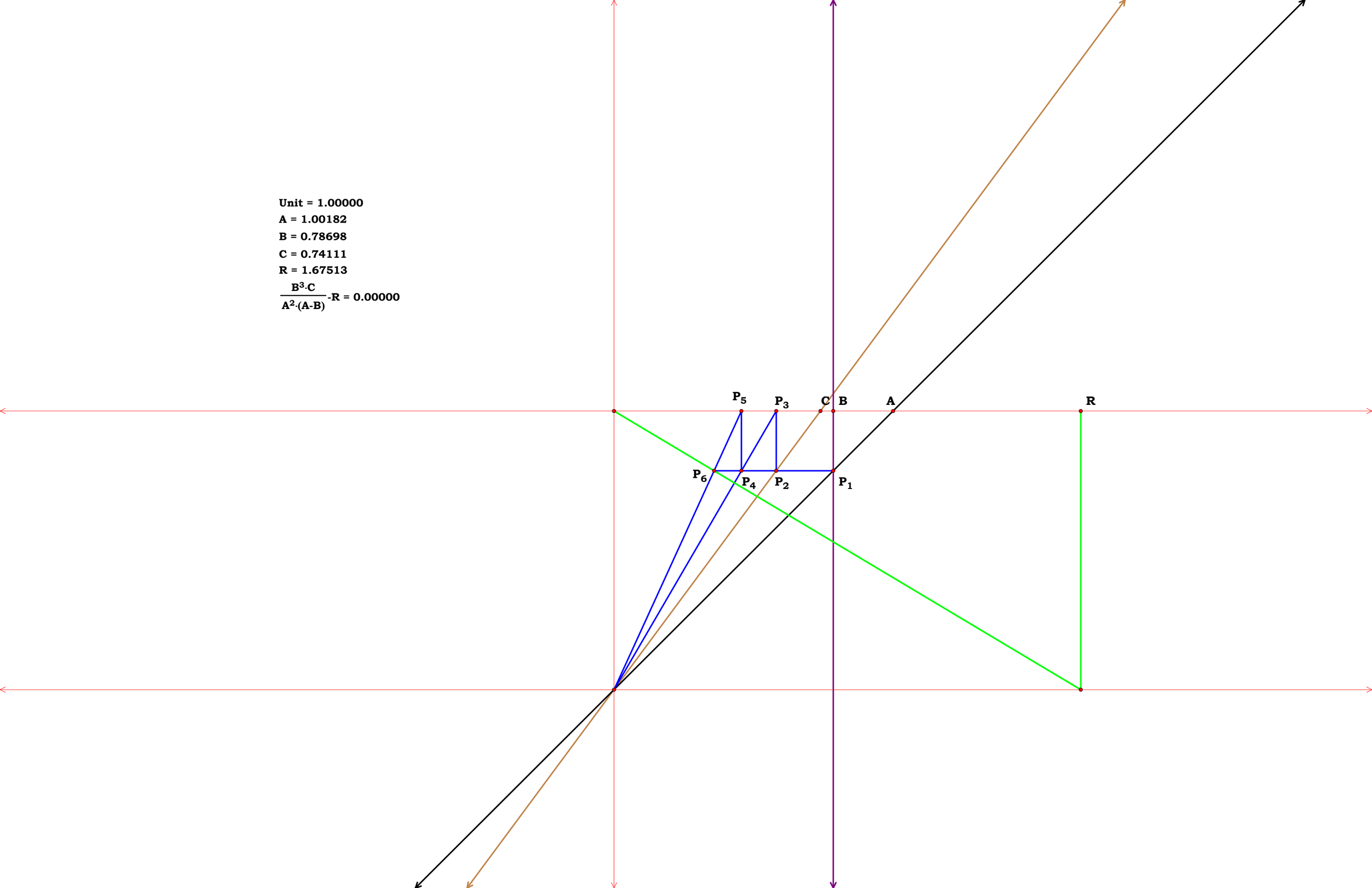


Unit = 1.00000

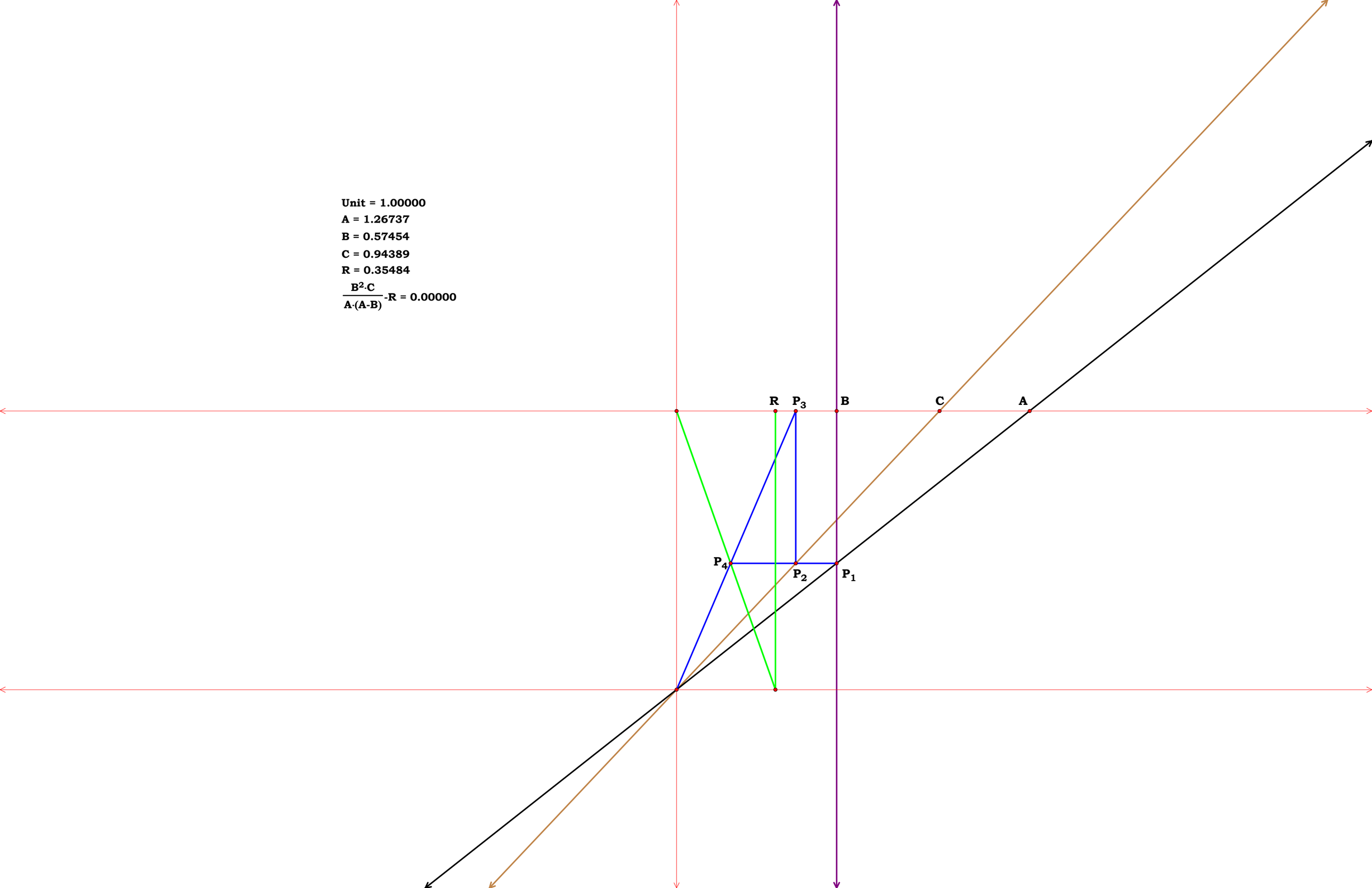
A = 1.26737

B = 0.57454

C = 0.94389

R = 0.35484

$\frac{B^2 \cdot C}{A \cdot (A-B)} - R = 0.00000$



Unit = 1.00000

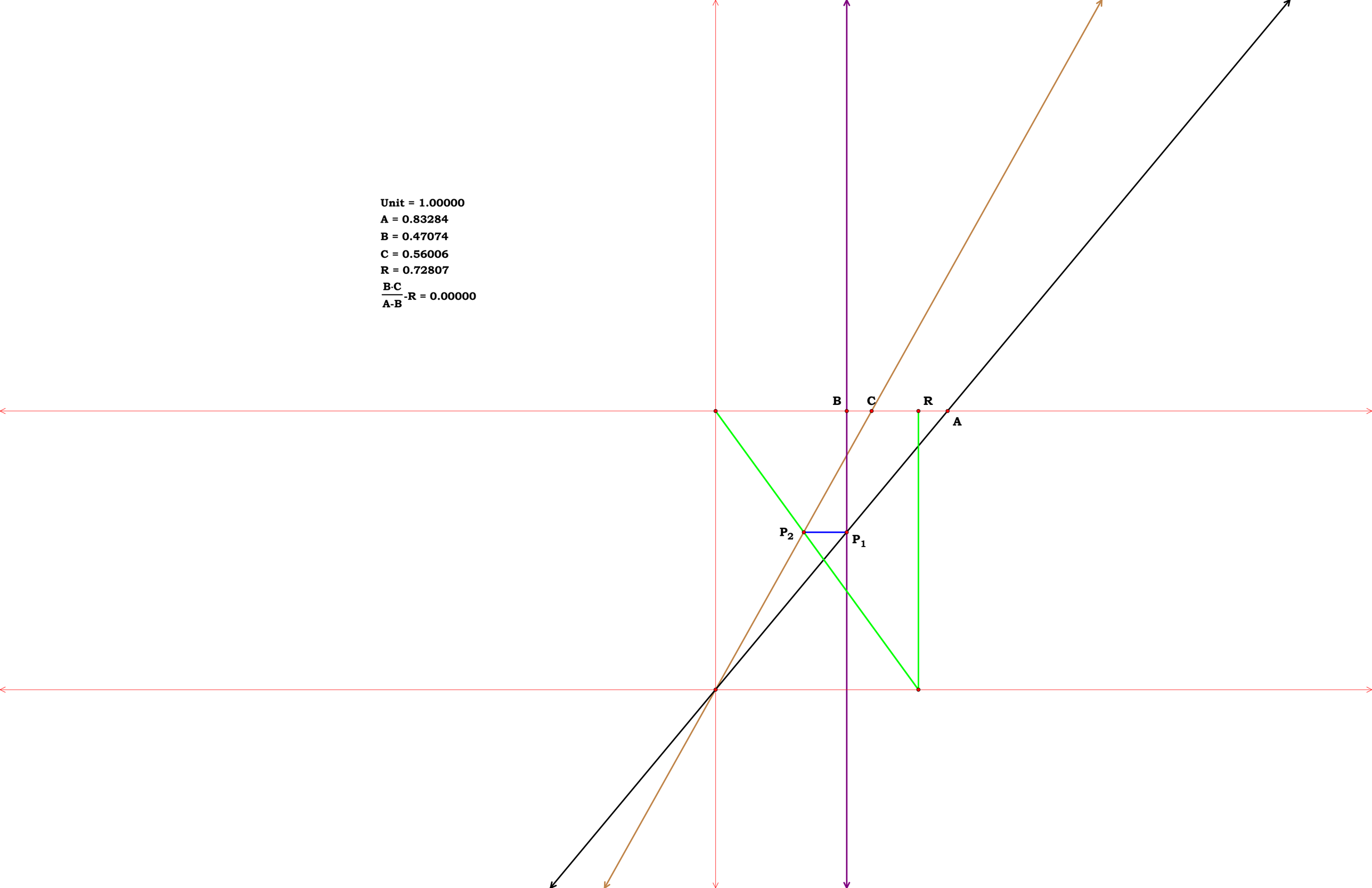
A = 0.83284

B = 0.47074

C = 0.56006

R = 0.72807

$\frac{B \cdot C}{A-B} - R = 0.00000$



Unit = 1.00000

A = 1.02838

B = 0.74352

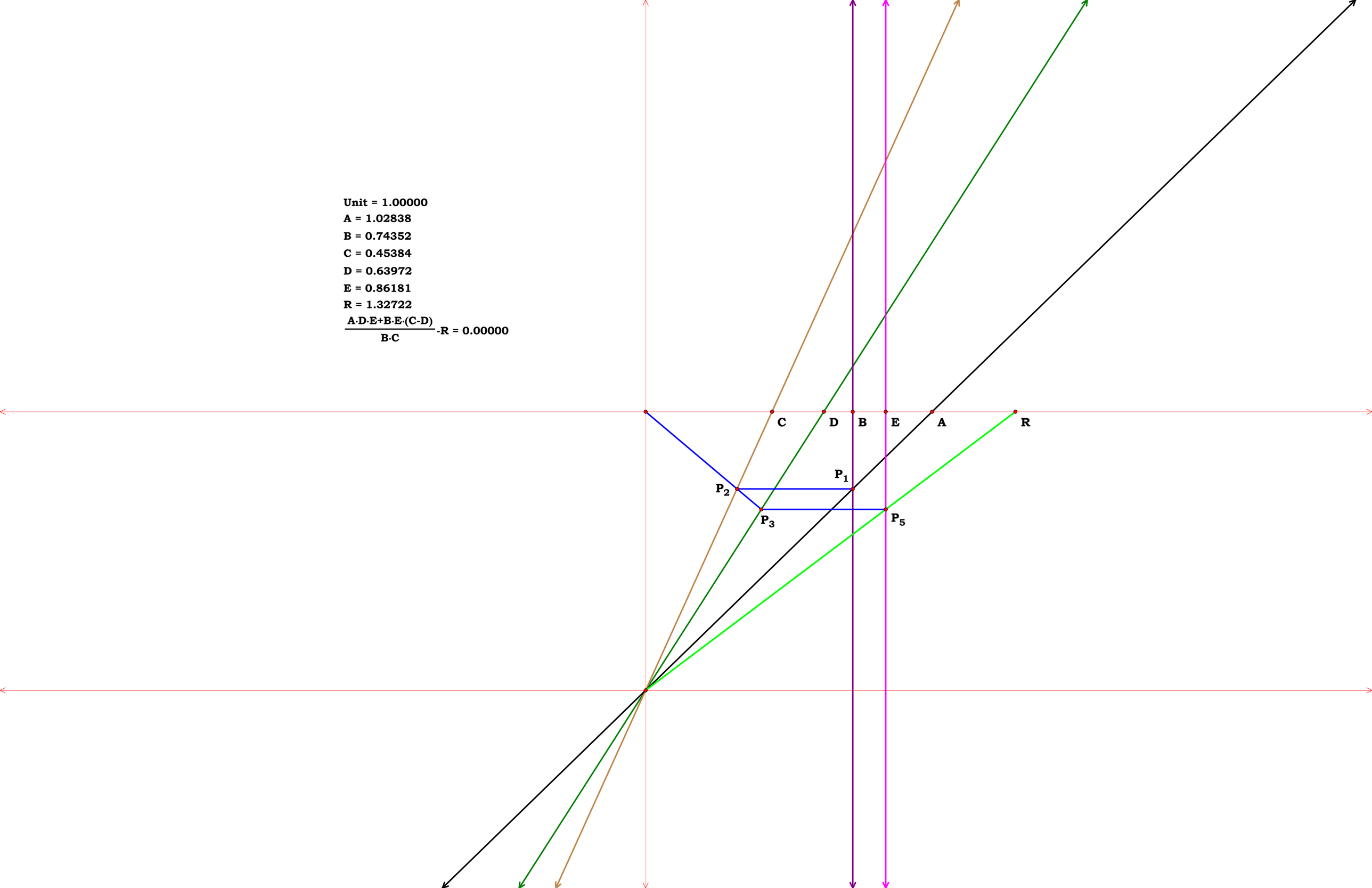
C = 0.45384

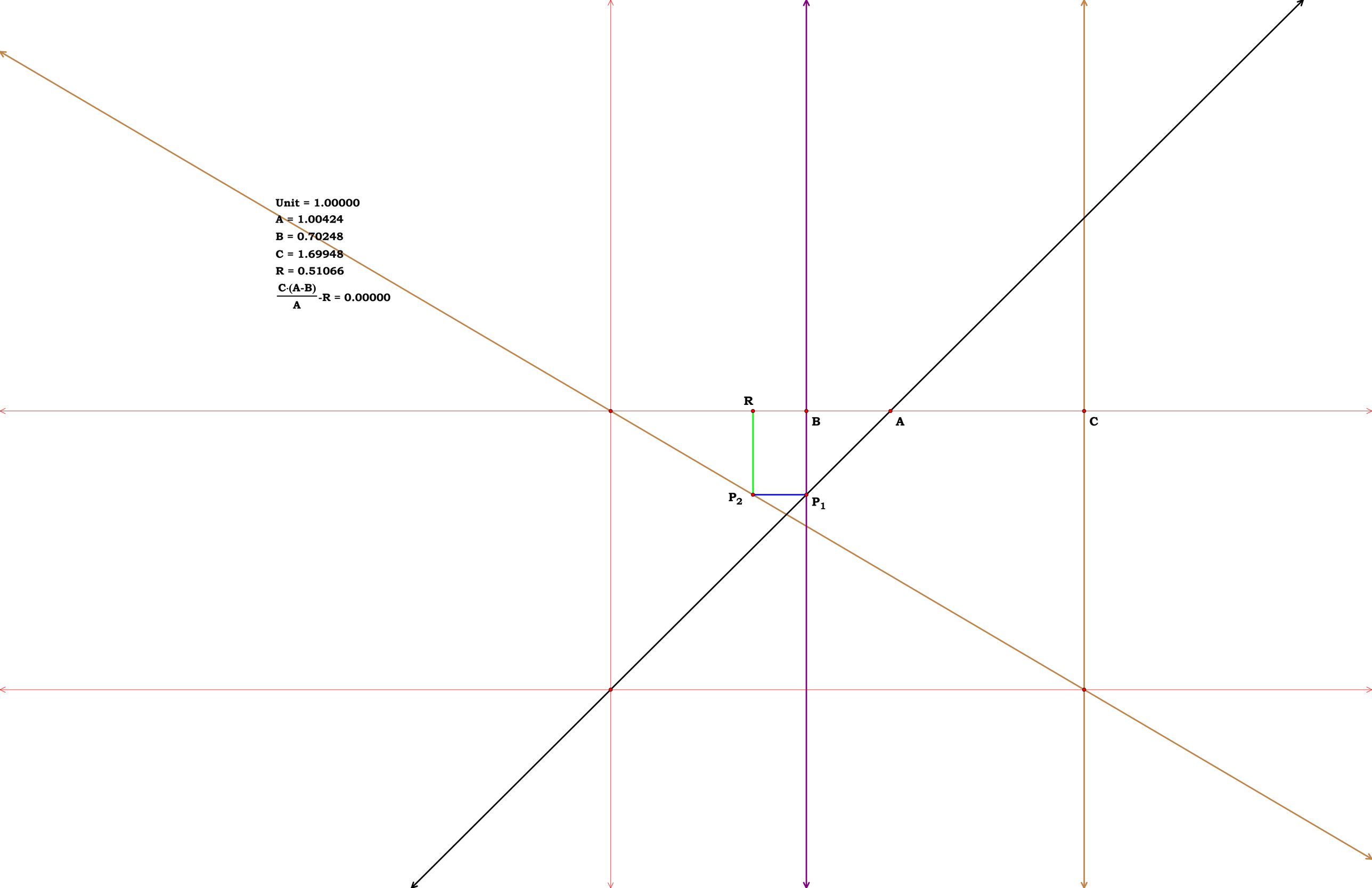
D = 0.63972

E = 0.86181

R = 1.32722

$$\frac{A \cdot D \cdot E + B \cdot E \cdot (C - D)}{B \cdot C} - R = 0.00000$$




Unit = 1.00000
A = 1.00424
B = 0.70248
C = 1.69948
R = 0.51066
$\frac{C\cdot(A-B)}{A}$-R = 0.00000
R
B
A
C
P_2
P_1

Unit = 1.00000

A = 1.55464

B = 1.12253

C = 0.91492

R = 0.35219

$\frac{C\cdot(A-B)}{B}$-R = 0.00000

R

C

B

A

P_2

P_1

Unit = 1.00000
A = 0.95837
B = 0.85940
C = 1.63672
D = 0.53350
E = 0.68559
R = 1.47828
$\frac{A \cdot E \cdot (D-C) + B \cdot C \cdot E}{C \cdot (A-B)} - R = 0.00000$

D
E
B
A
R
C
P_2
P_1
P_3
P_4

Unit = 1.00000

A = 0.97286

B = 0.72904

C = 0.55764

D = 0.70731

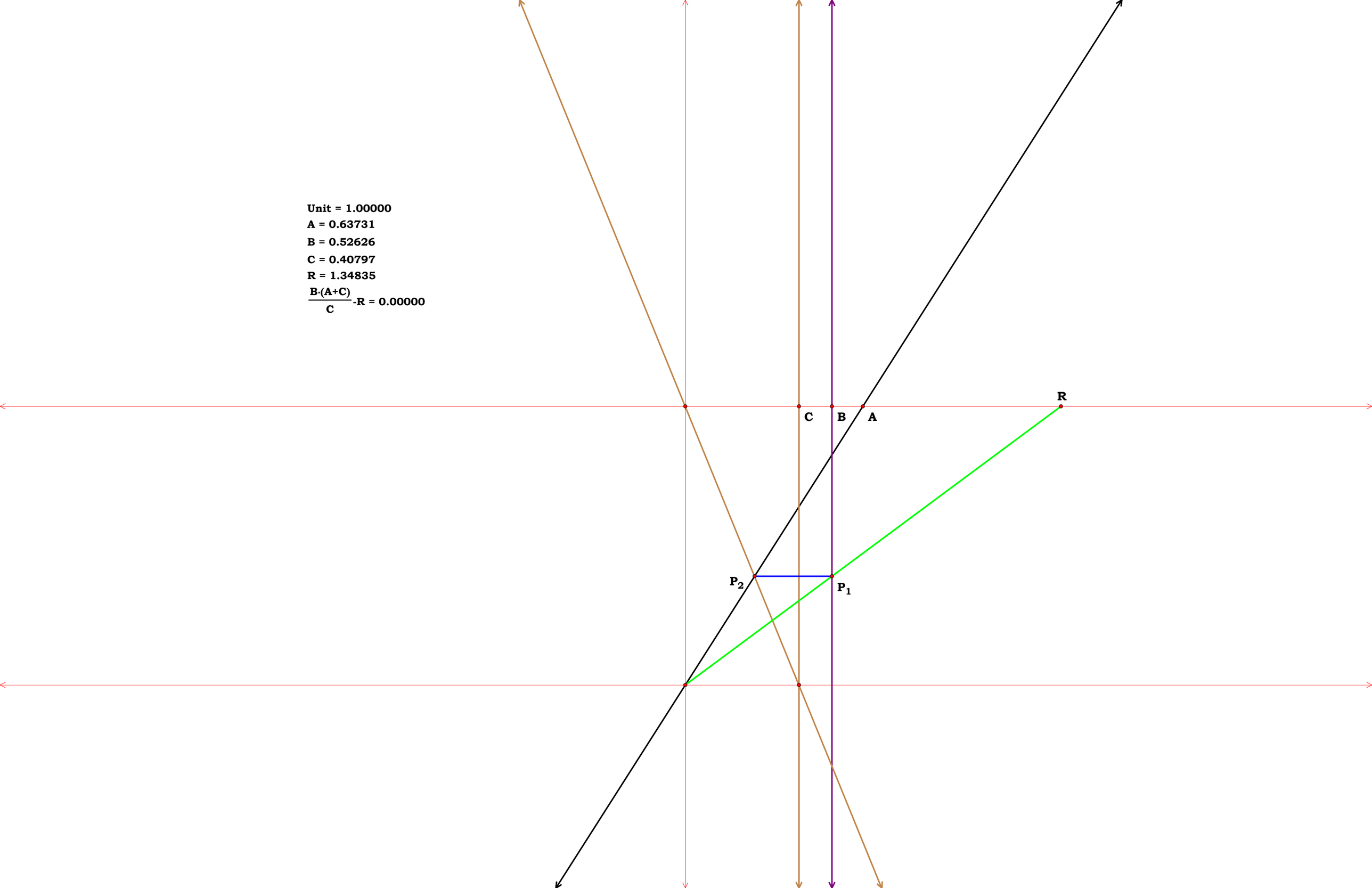
E = 0.35486

R = 1.79598

$$\frac{A \cdot D \cdot E}{A \cdot C - B \cdot C} - R = 0.00000$$

E C B A R

P_2 P_1 P_3 P_4


Unit = 1.00000
A = 0.63731
B = 0.52626
C = 0.40797
R = 1.34835
$\frac{B\cdot(A+C)}{C}$-R = 0.00000
C
B
A
R
P_2
P_1

Unit = 1.00000
A = 0.73628
B = 0.39107
C = 0.55764
D = 1.05976
E = 1.12011
R = 1.48696
$\frac{A \cdot D \cdot E}{A \cdot D - C \cdot (A - B)} - R = 0.00000$

B C A D E R

P_2 P_1 P_3 P_4

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.57695

R = 1.57420

$\frac{B\cdot(A+C)}{A}$-R = 0.00000

A

B

C

R

P_1

P_2

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

R = 0.97167

$$\frac{B \cdot C \cdot E}{A \cdot D - B \cdot (C - D)} - R = 0.00000$$

A

B

C

D

E

R

P_1

P_2

P_3

P_4

Unit = 1.00000

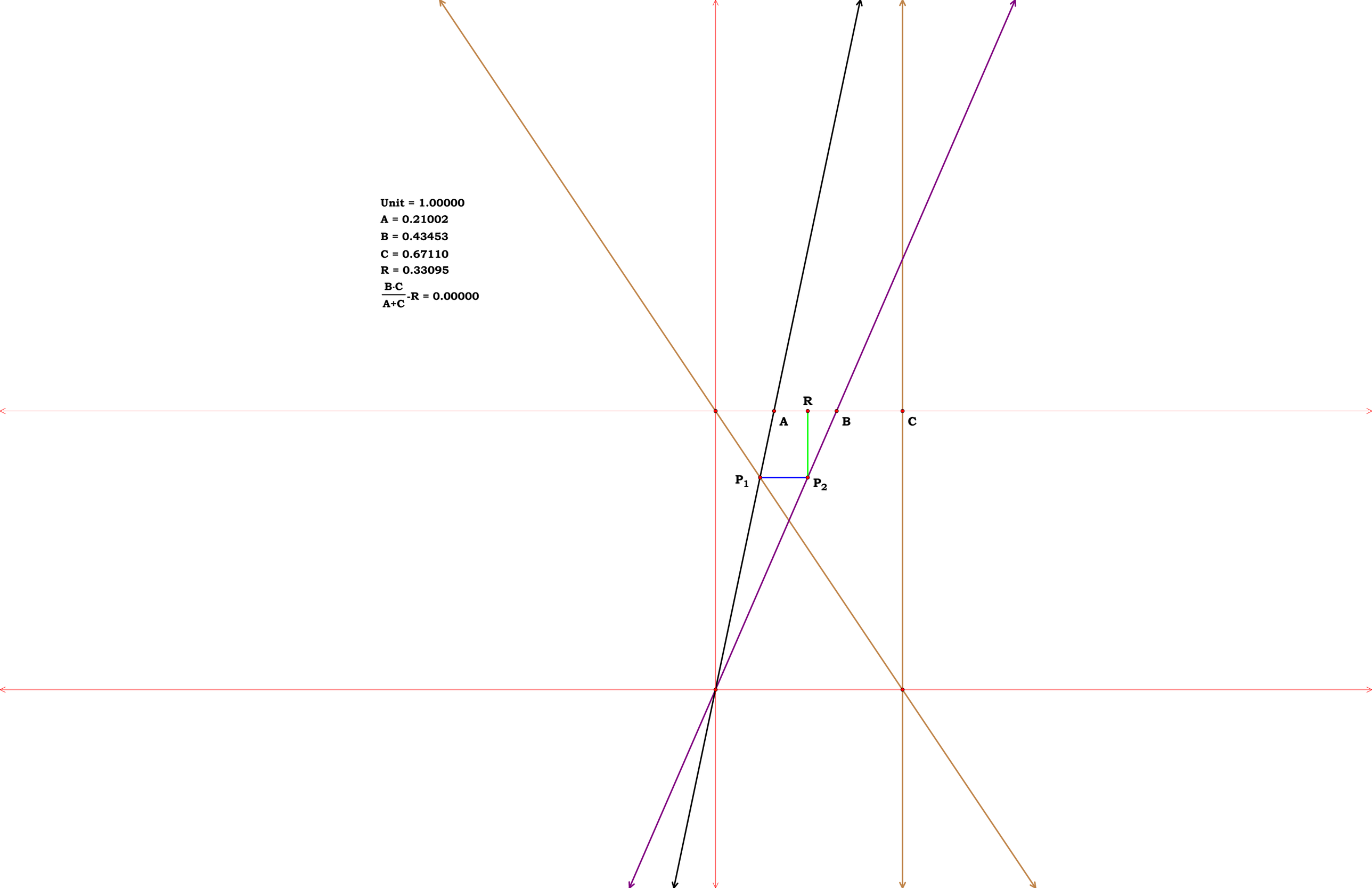
A = 0.21002

B = 0.43453

C = 0.67110

R = 0.33095

$\frac{B \cdot C}{A+C}$-R = 0.00000



Unit = 1.00000

A = 0.19071

B = 0.36693

C = 0.94872

D = 0.76766

R = 0.50749

$$\frac{B \cdot C \cdot D}{A \cdot D - C \cdot (B - D)} - R = 0.00000$$

A

B

R

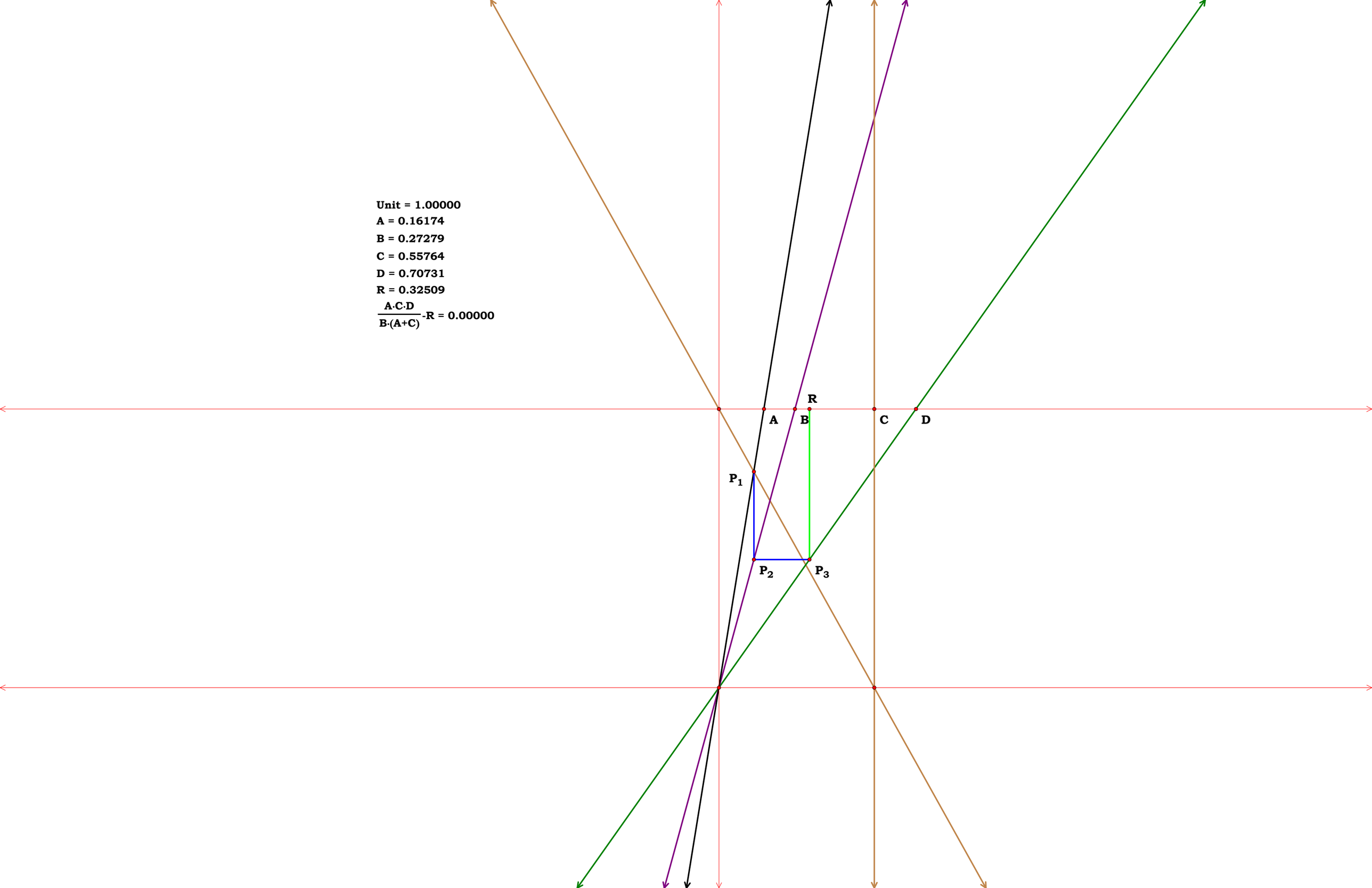
D

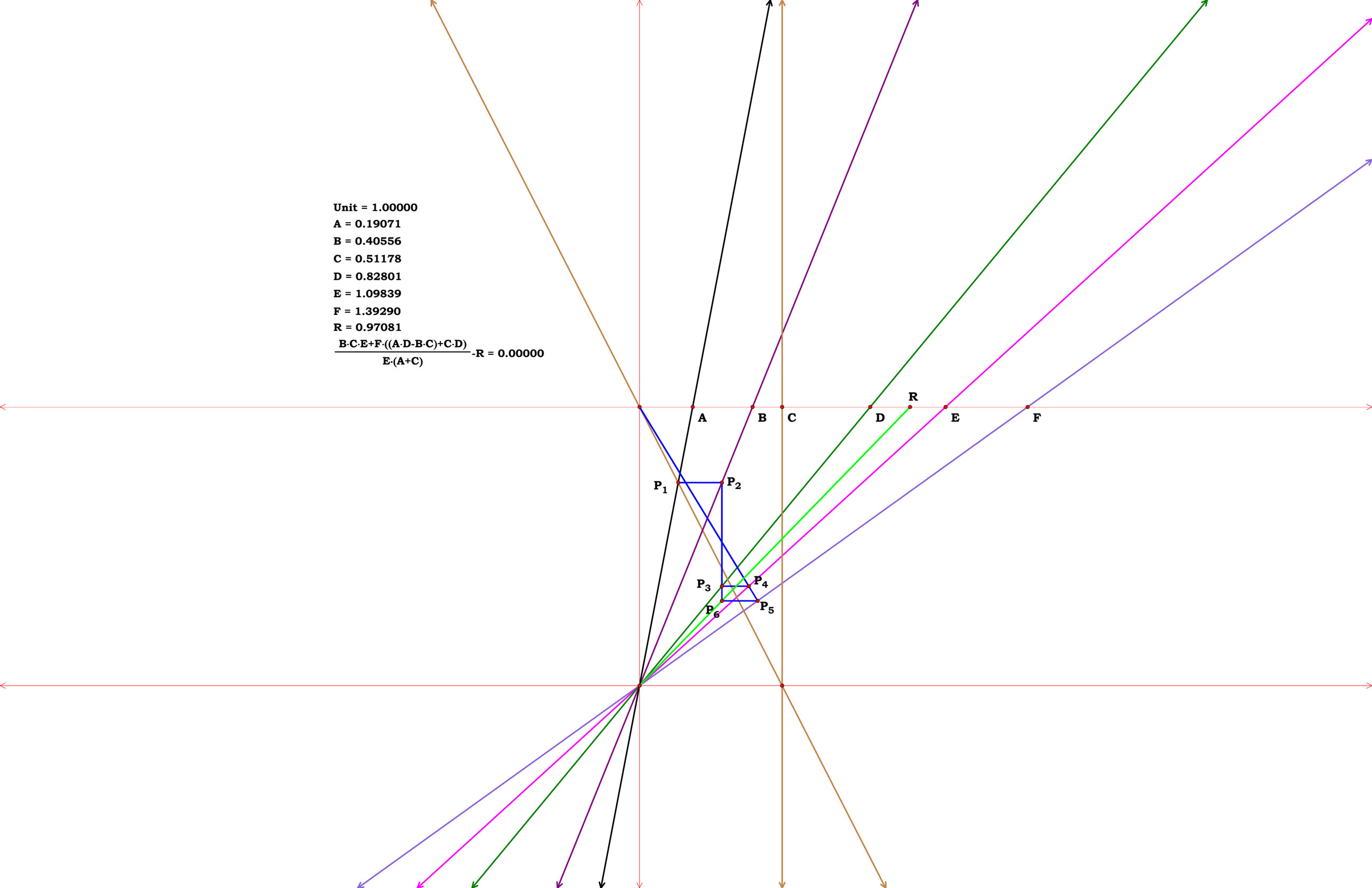
C

P_1

P_2

P_3


Unit = 1.00000
A = 0.16174
B = 0.27279
C = 0.55764
D = 0.70731
R = 0.32509
$\frac{A \cdot C \cdot D}{B \cdot (A+C)} - R = 0.00000$
R
A
B
C
D
P_1
P_2
P_3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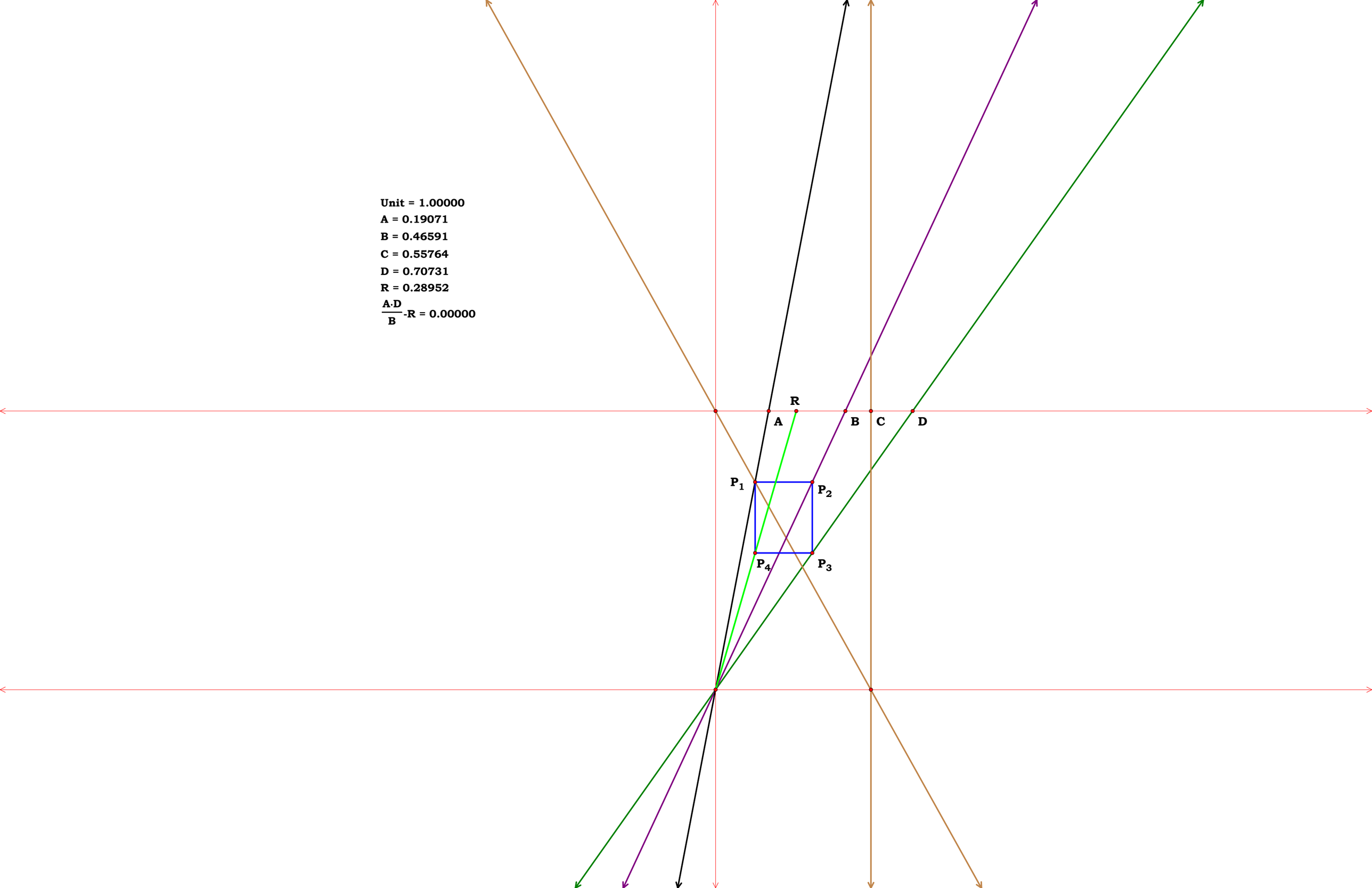
A = 0.19071
B = 0.40556
C = 0.51178
D = 0.82801
E = 1.09839
F = 1.39290
R = 0.97081
(B·C·E+F·((A·D-B·C)+C·D))/(E·(A+C))-R = 0.00000
A
B
C
D
R
E
F
P1
P2
P3
P4
P5
P6


Unit = 1.00000
A = 0.19071
B = 0.46591
C = 0.55764
D = 0.70731
R = 0.28952
$\frac{A \cdot D}{B}$-R = 0.00000
R
A
B
C
D
P_1
P_2
P_3
P_4

Unit = 1.00000

A = 0.94147

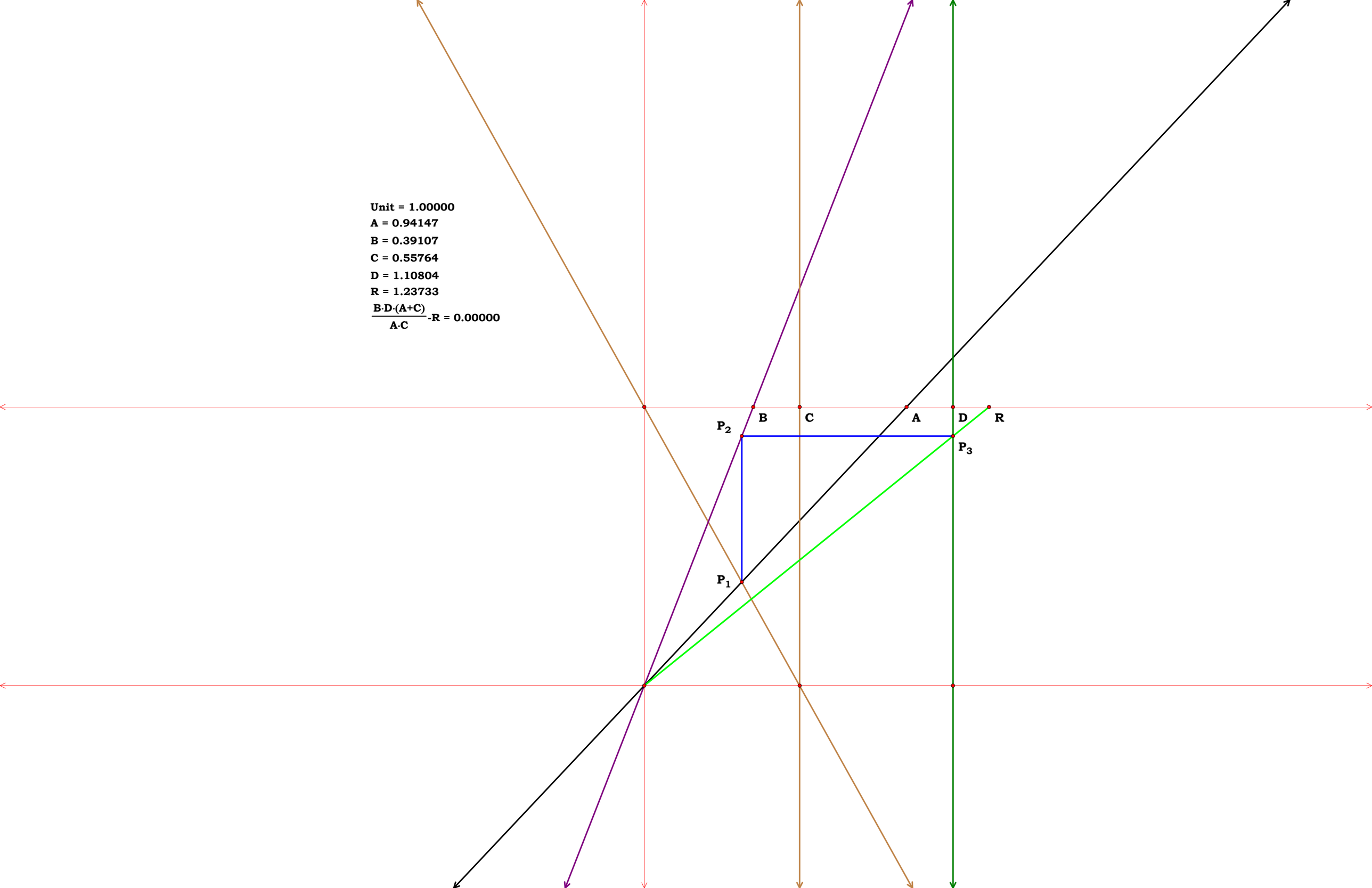
B = 0.39107

C = 0.55764

D = 1.10804

R = 1.23733

$\frac{B \cdot D \cdot (A+C)}{A \cdot C} - R = 0.00000$



Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

R = 1.22996

$$\frac{E\cdot((A\cdot D-B\cdot C)+C\cdot D)}{B\cdot C}-R = 0.00000$$

A

B

C

D

E

R

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 0.22692

B = 0.62765

C = 0.55764

D = 0.87871

E = 1.15391

F = 1.42187

R = 0.35401

$$\frac{A\cdot B\cdot C\cdot(E-F)+A\cdot D\cdot F\cdot(A+C)}{B\cdot E\cdot(A+C)}-R = 0.00000$$

C

A

R

B

D

E

F

P_1

P_2

P_3

P_4

P_5

P_6

Unit = 1.00000

A = 0.12794

B = 0.35004

C = 0.50453

D = 0.66145

E = 0.86181

F = 1.08149

G = 0.81594

R = 1.40161

$$\frac{F\cdot G\cdot((A\cdot D-B\cdot C)+C\cdot D)}{B\cdot C\cdot E}-R = 0.00000$$

A B C D G E F R

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.55764

D = 0.70731

E = 0.86181

F = 0.48522

R = 1.14174

$$\frac{B\cdot E\cdot F\cdot(A+C)-A\cdot C\cdot D\cdot F}{A\cdot C\cdot D}-R = 0.00000$$

A B F C D E R

P_1 P_2 P_3 P_4 P_5

Unit = 1.00000
A = 0.25106
B = 0.38142
C = 0.53350
D = 0.68800
E = 0.92940
F = 1.09839
R = 1.35378
$\frac{F\cdot(A\cdot D\cdot E-B\cdot C\cdot D-C\cdot E\cdot(B-D))}{B\cdot C\cdot D}-R = 0.00000$

A B C D E F R

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.16657

B = 0.43935

C = 0.54557

D = 0.69283

R = 1.34744

$$\frac{D^2\cdot(A+C)}{(A\cdot D-B\cdot C)+C\cdot D}-R = 0.00000$$

A

B

C

D

R

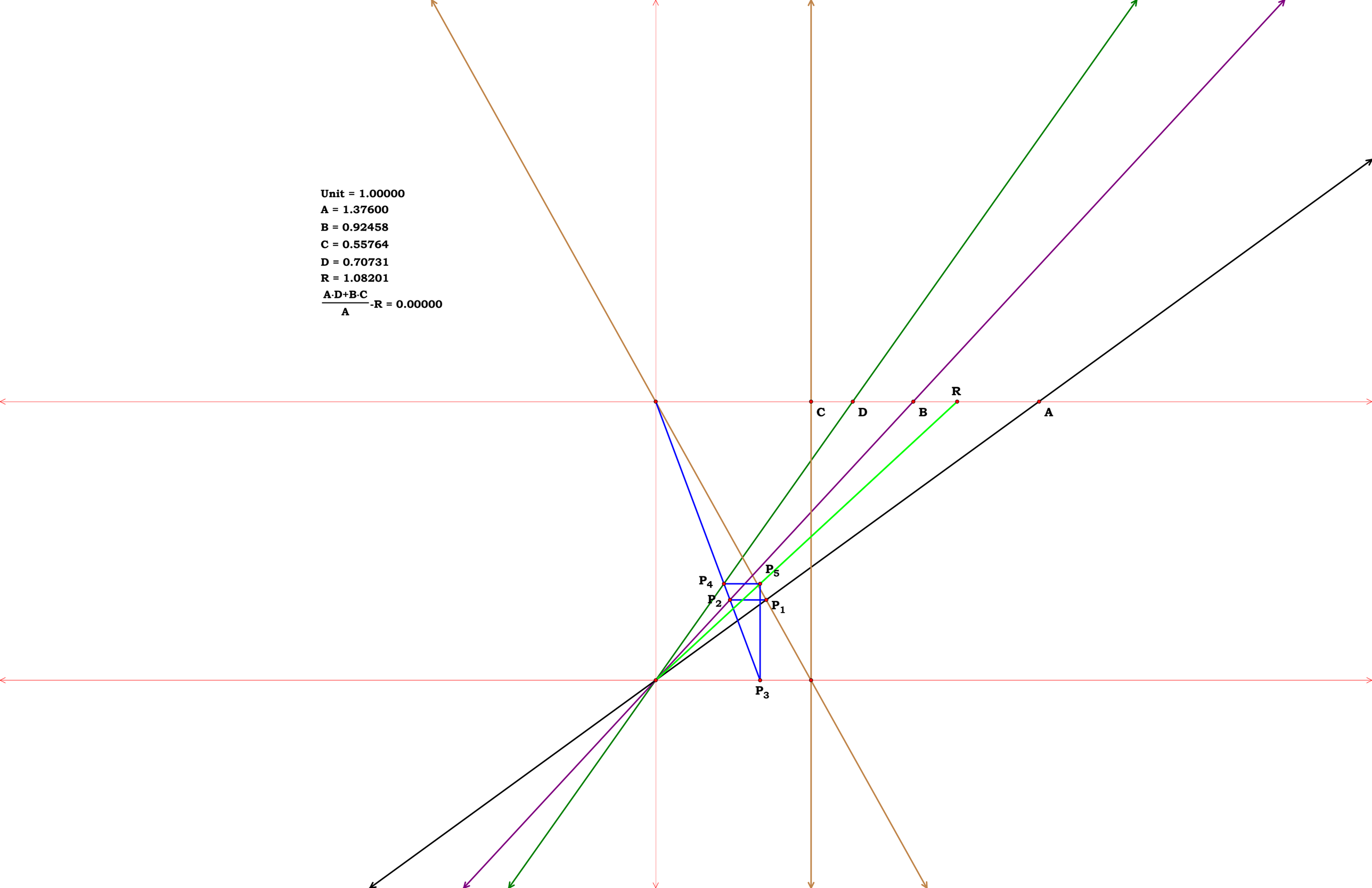
P_1

P_2

P_3

P_4

P_5


Unit = 1.00000
A = 1.37600
B = 0.92458
C = 0.55764
D = 0.70731
R = 1.08201
(A·D+B·C)/A -R = 0.00000
C
D
B
R
A
P4
P5
P2
P1
P3

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.57937

D = 0.70731

E = 0.86181

R = 0.51307

$\frac{A \cdot D \cdot E}{B \cdot C}$ - R = 0.00000

R

A

B

C

D

E

P_1

P_2

P_3

P_4

Unit = 1.00000

A = 0.21485

B = 0.13760

C = 0.33555

D = 0.70731

E = 0.86181

R = 1.01986

$\frac{D \cdot E \cdot (A-B)}{B \cdot C} - R = 0.00000$

B A C D E R

P_1 P_2 P_3 P_4

Unit = 1.00000

A = 0.19071

B = 0.48764

C = 0.55764

D = 0.70731

E = 0.86181

F = 1.07907

G = 0.26796

R = 0.94087

$$\frac{C \cdot F \cdot G \cdot (A+B)}{A \cdot D \cdot E} - R = 0.00000$$

A G B C D E R F

P_1 P_2 P_3 P_4 P_5 P_6 P_7

Unit = 1.00000

A = 0.19071

B = 0.39107

C = 0.36211

D = 0.50212

E = 0.86181

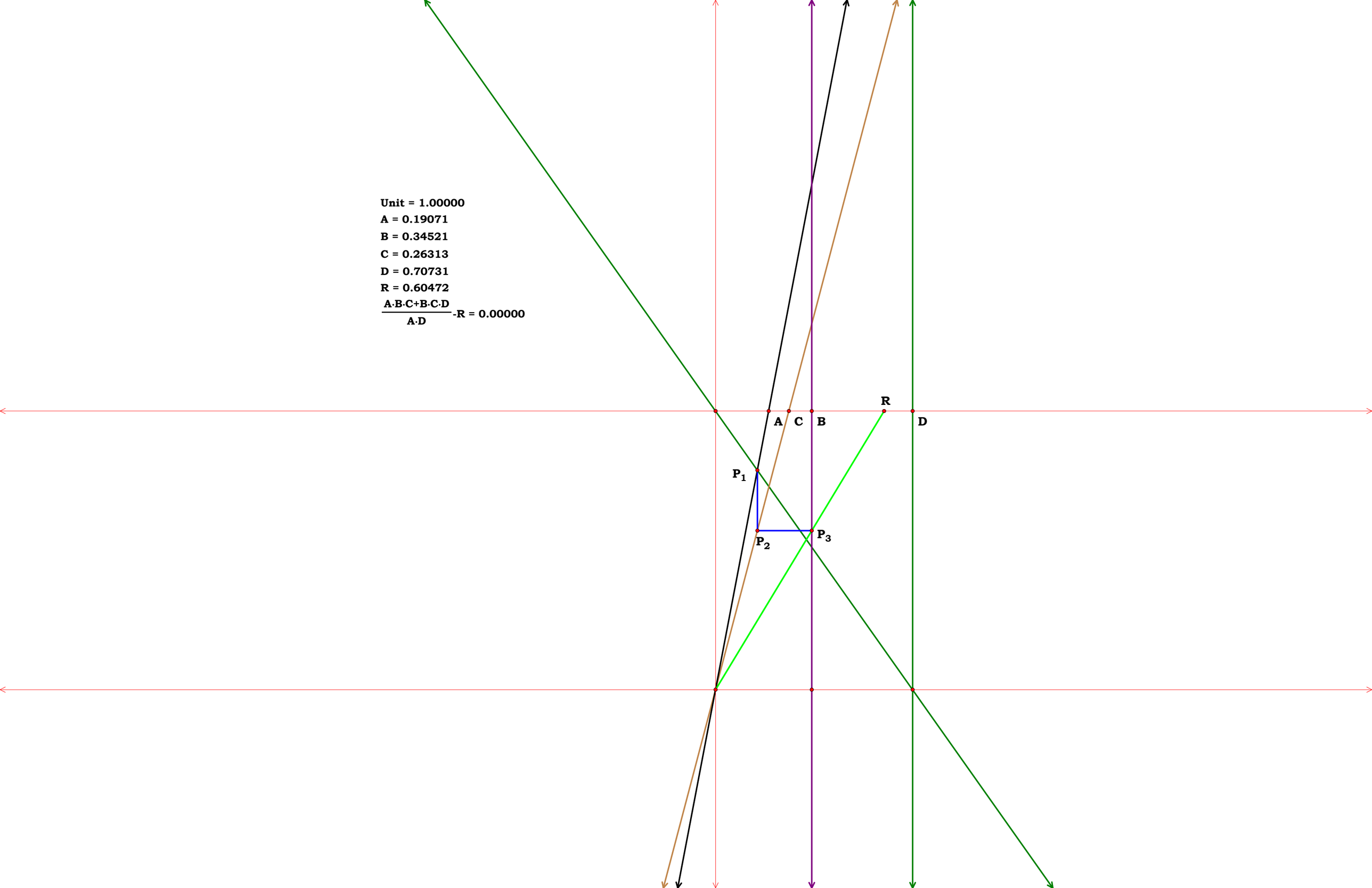
F = 0.63489

R = 1.15821

$$\frac{E\cdot F\cdot((A\cdot D-B\cdot C)+B\cdot D)}{B\cdot C\cdot D}-R = 0.00000$$

A C B D F E R

P_1 P_2 P_3 P_4 P_5 P_6


Unit = 1.00000
A = 0.19071
B = 0.34521
C = 0.26313
D = 0.70731
R = 0.60472
(A·B·C+B·C·D)/(A·D) -R = 0.00000
A
C
B
D
R
P1
P2
P3

Unit = 1.00000

A = 0.31865

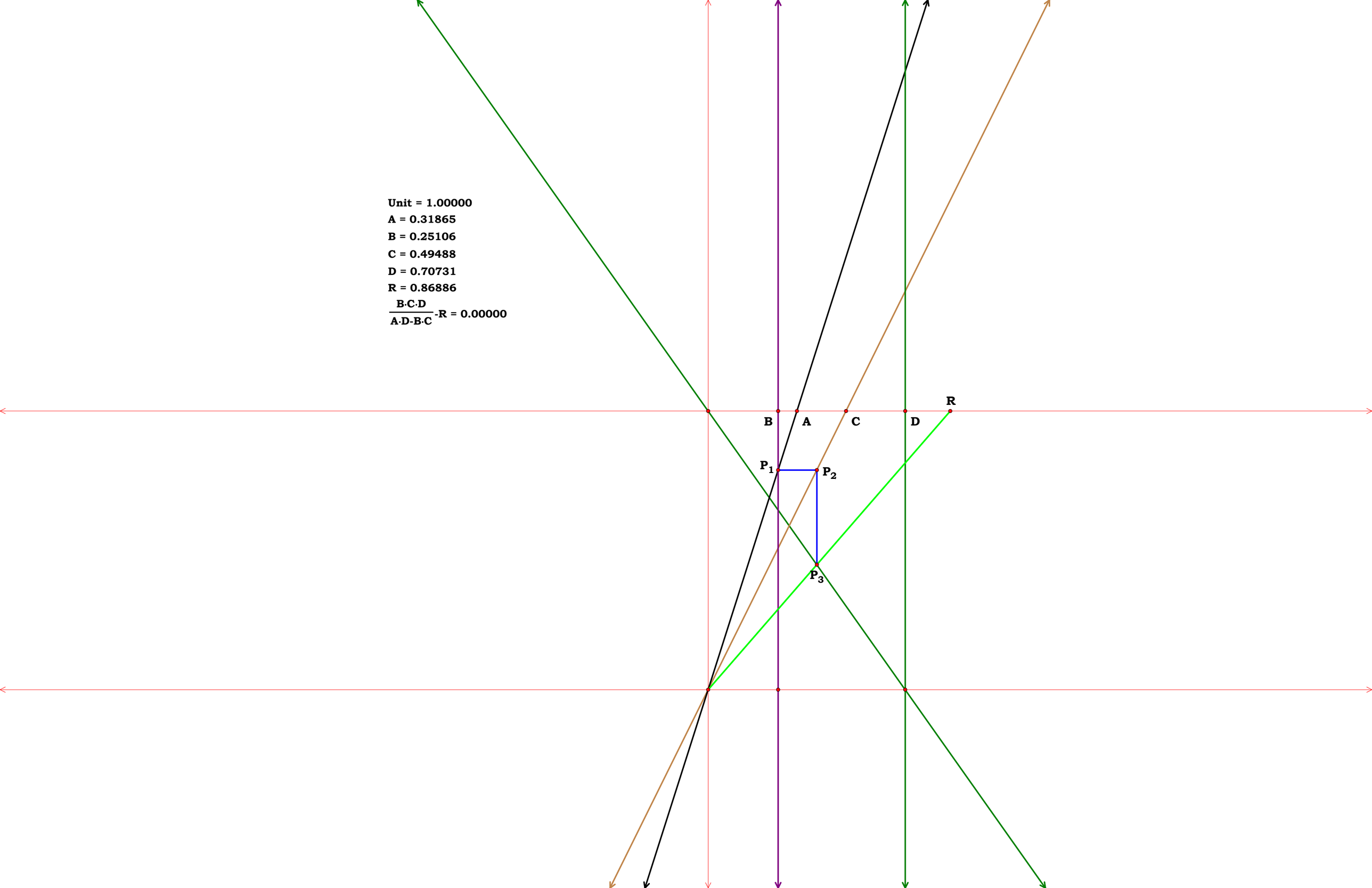
B = 0.25106

C = 0.49488

D = 0.70731

R = 0.86886

$\frac{B \cdot C \cdot D}{A \cdot D - B \cdot C} - R = 0.00000$



Unit = 1.00000

A = 0.19795

B = 0.39107

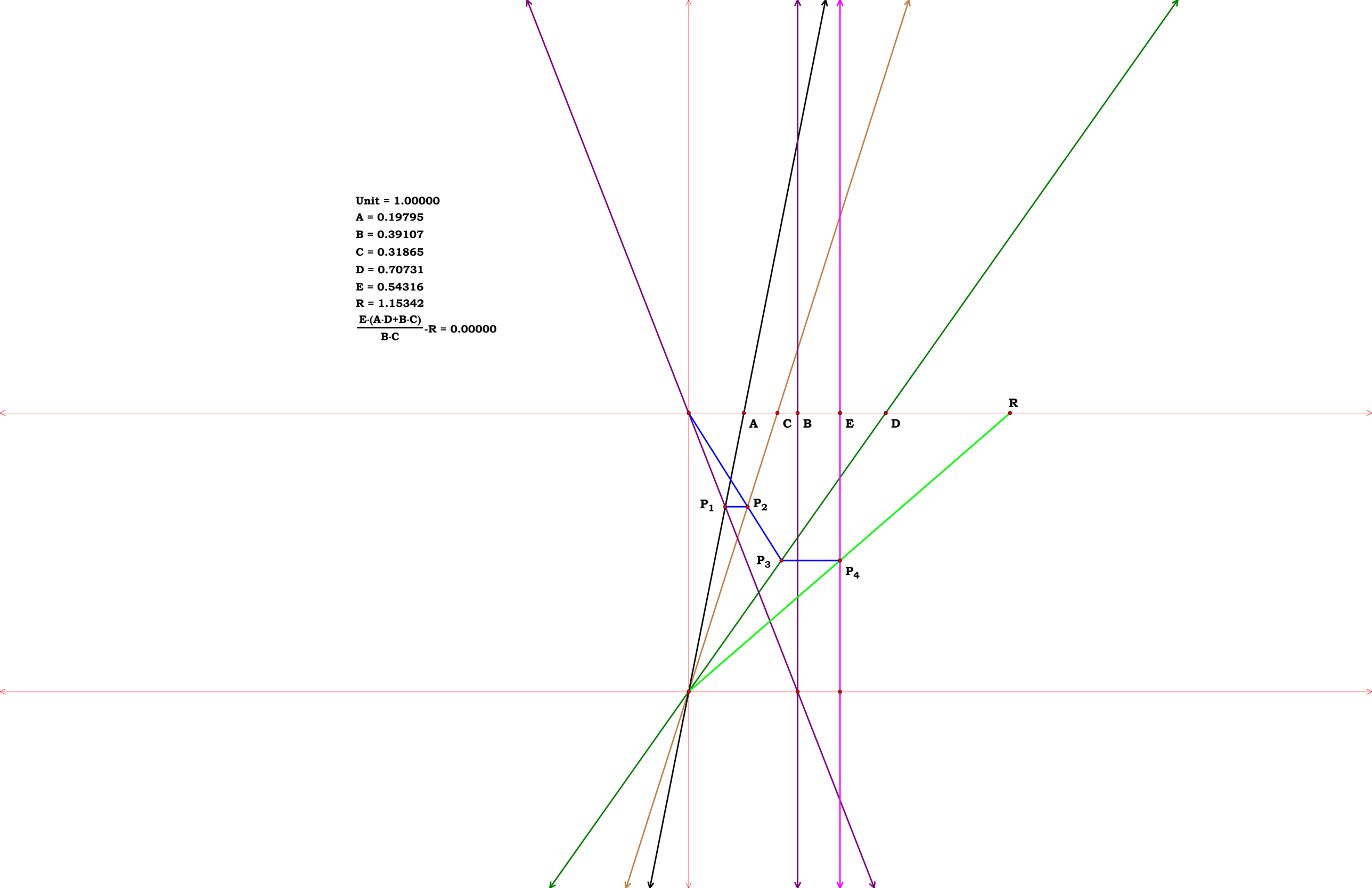
C = 0.31865

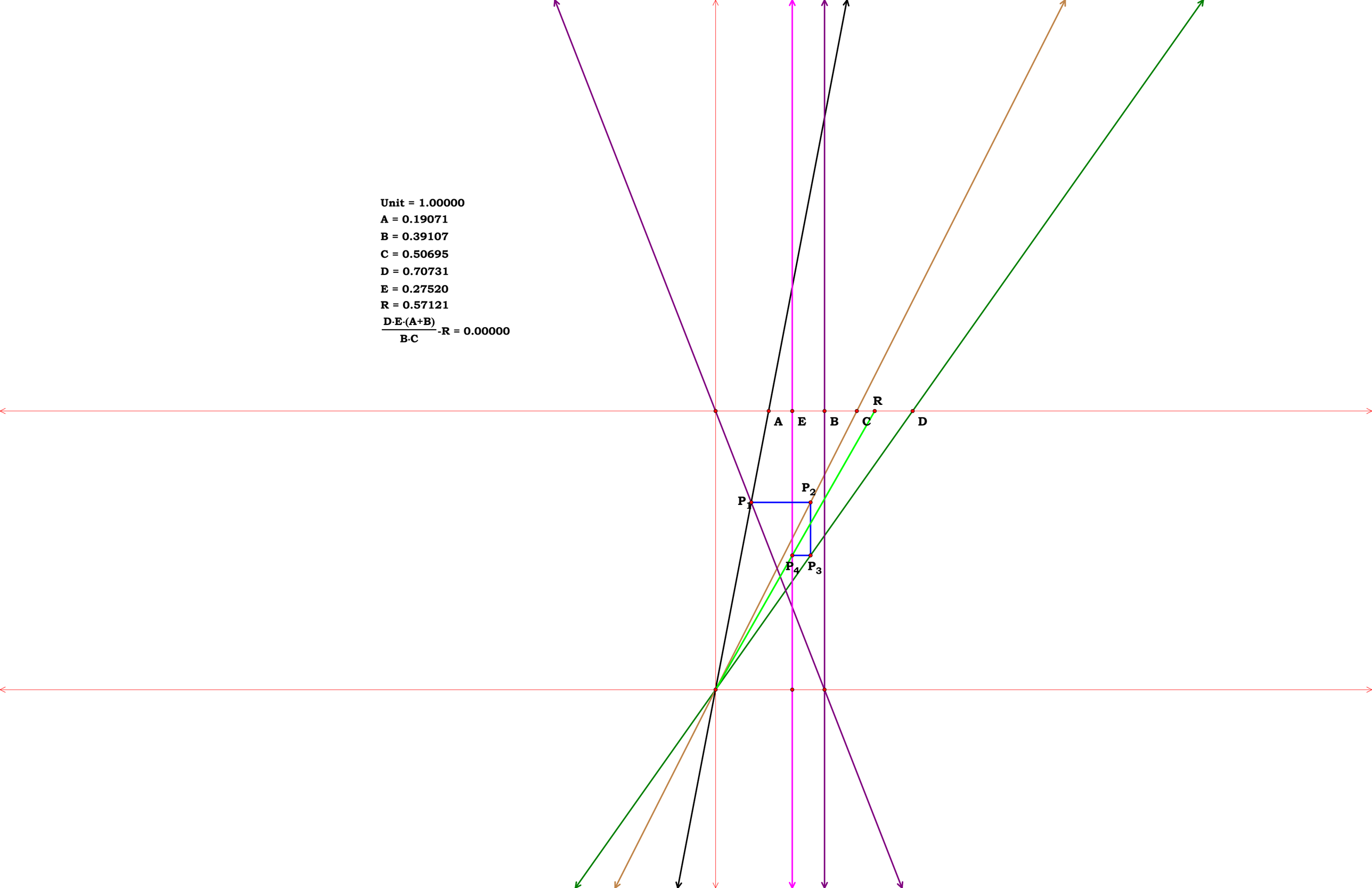
D = 0.70731

E = 0.54316

R = 1.15342

$\frac{E\cdot(A\cdot D+B\cdot C)}{B\cdot C}$-R = 0.00000




Unit = 1.00000
A = 0.19071
B = 0.39107
C = 0.50695
D = 0.70731
E = 0.27520
R = 0.57121
$\frac{D \cdot E \cdot (A+B)}{B \cdot C} - R = 0.00000$
A
E
B
C
R
D
P_1
P_2
P_3
P_4

Unit = 1.00000

A = 0.32831

B = 0.23658

C = 0.45867

D = 0.70731

E = 0.51419

R = 0.96521

$$\frac{A \cdot D \cdot E}{A \cdot D - B \cdot C} - R = 0.00000$$

B A C E D R

P_1 P_2 P_3

Unit = 1.00000

A = 1.47498

B = 0.31624

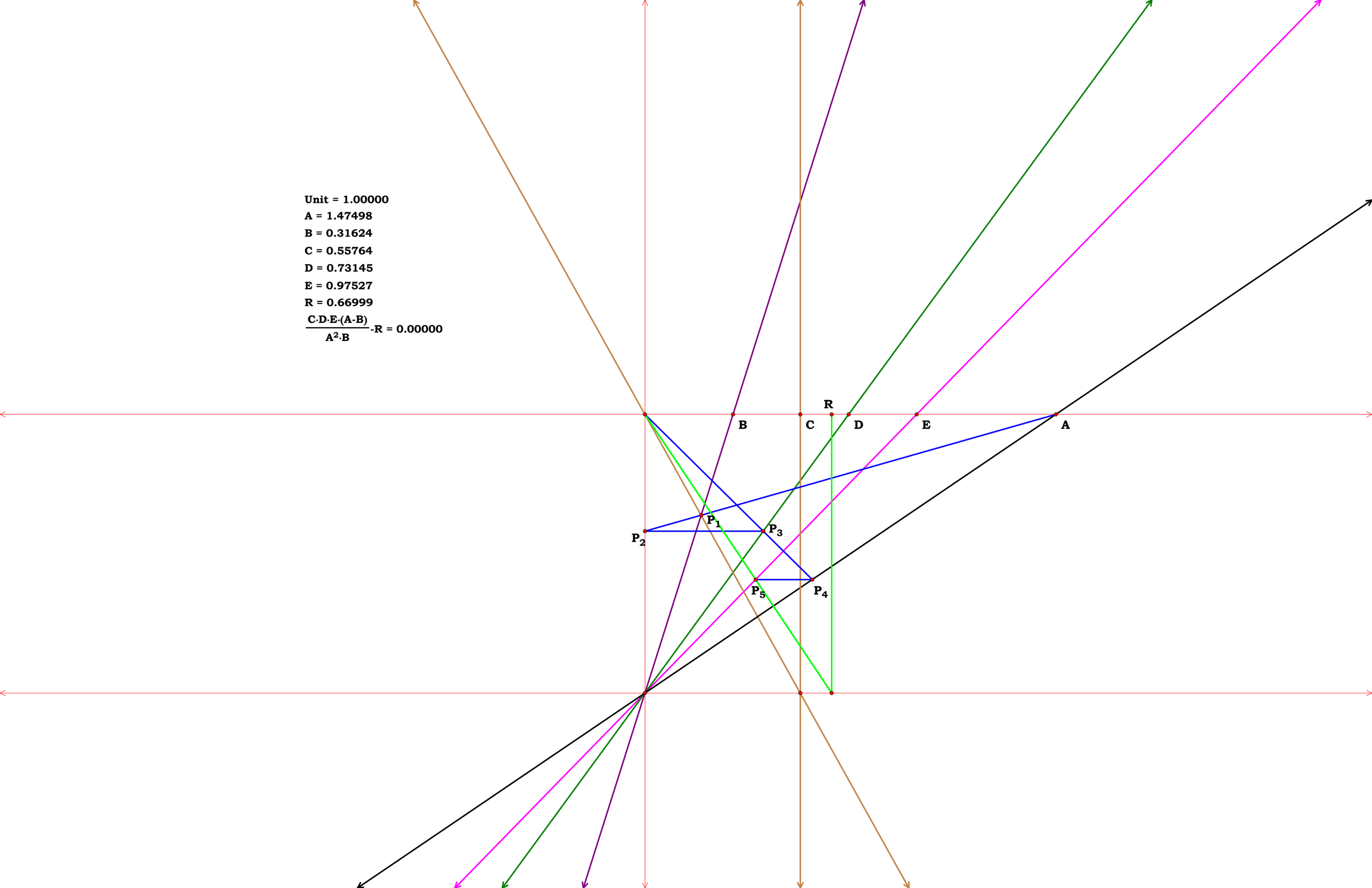
C = 0.55764

D = 0.73145

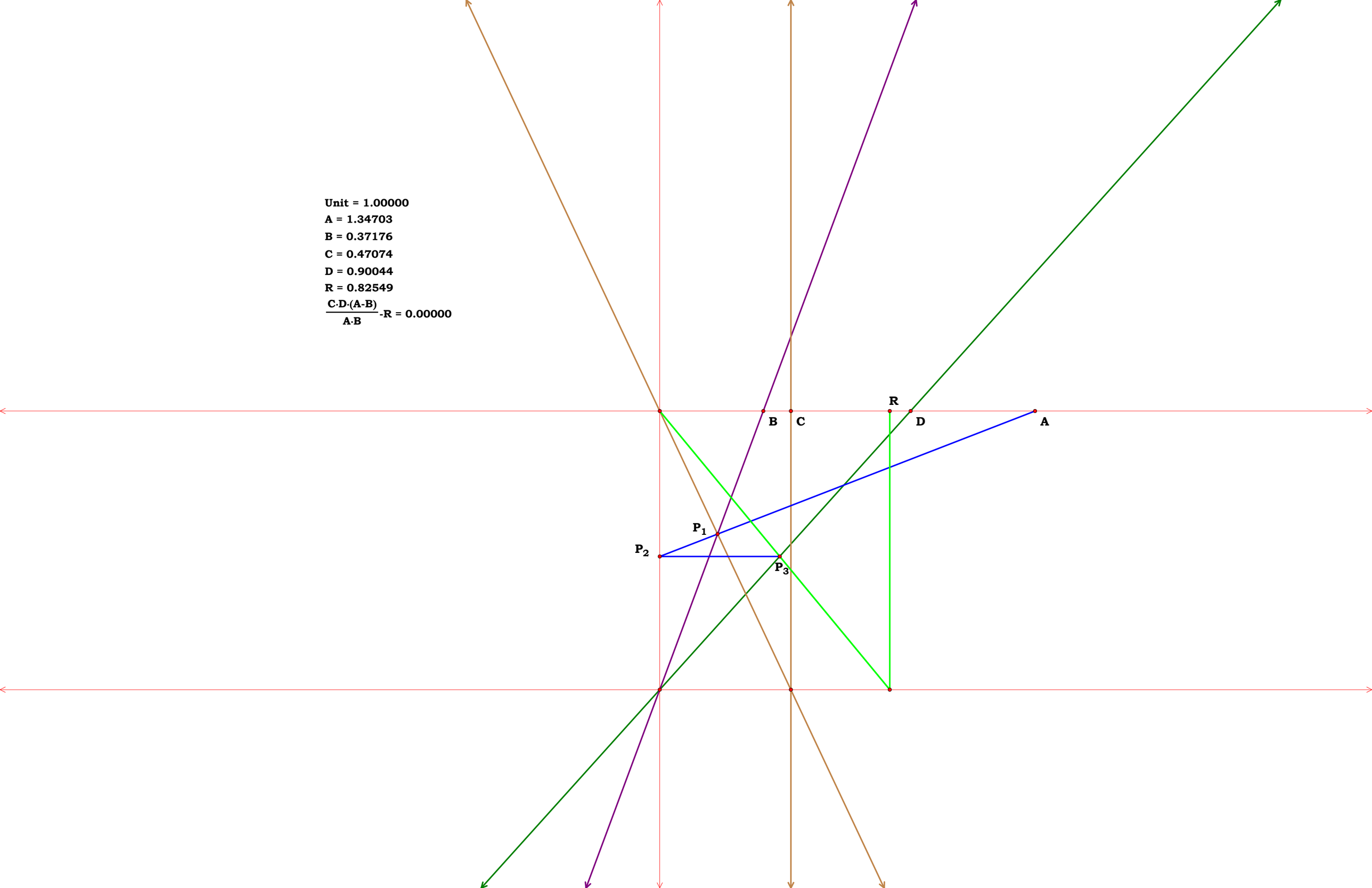
E = 0.97527

R = 0.66999

$\frac{C \cdot D \cdot E \cdot (A-B)}{A^2 \cdot B} - R = 0.00000$



Unit = 1.00000
A = 1.34703
B = 0.37176
C = 0.47074
D = 0.90044
R = 0.82549
$\frac{C \cdot D \cdot (A-B)}{A \cdot B} - R = 0.00000$



Unit = 1.00000

A = 1.13701

B = 0.46591

C = 0.55764

D = 0.67110

R = 0.39327

$$\frac{A \cdot B \cdot D}{(A \cdot B + A \cdot C) - B \cdot C} - R = 0.00000$$

R

B

C

D

A

P_1

P_2

P_3

Unit = 1.00000

A = 1.22633

B = 1.05252

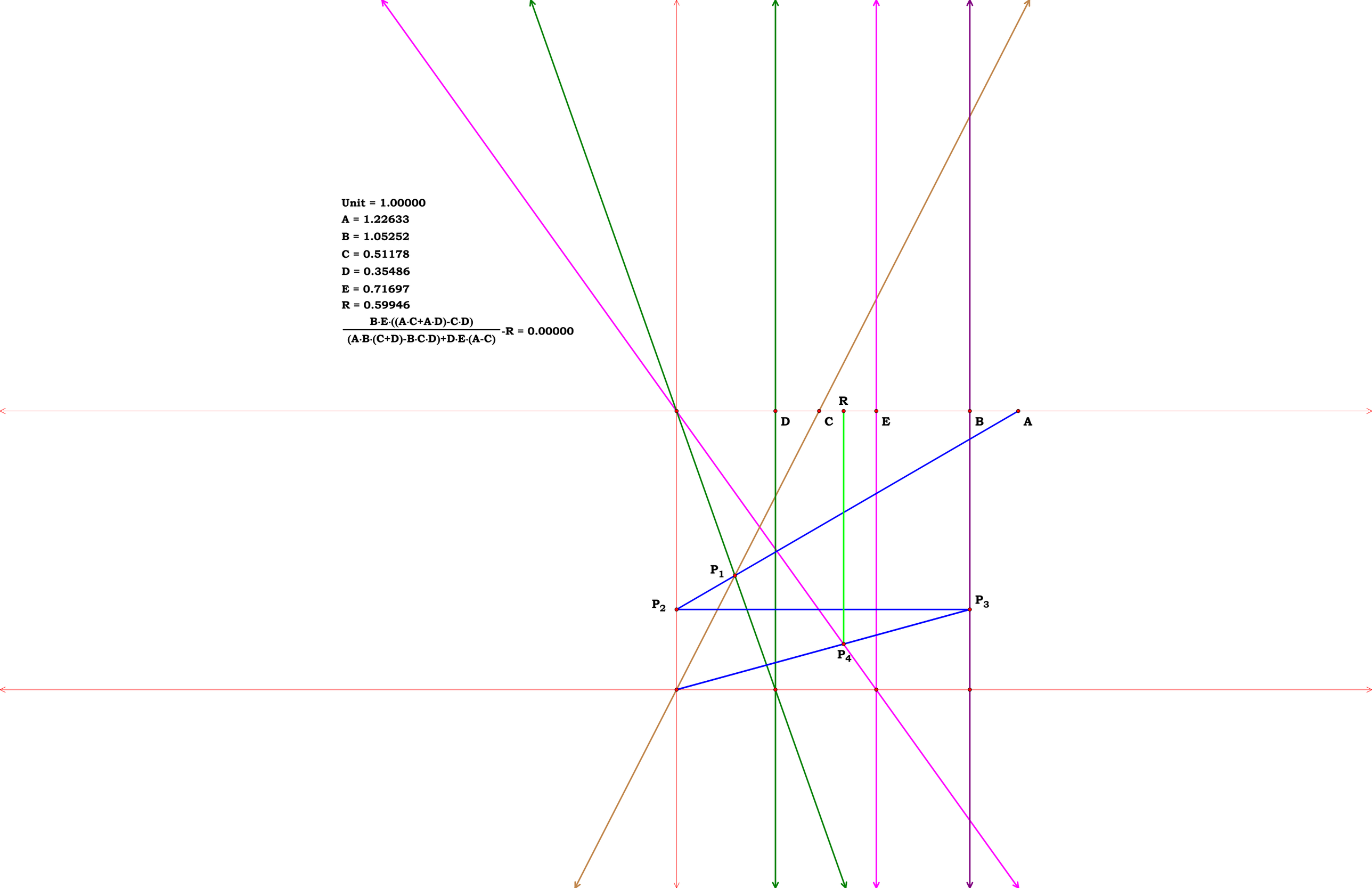
C = 0.51178

D = 0.35486

E = 0.71697

R = 0.59946

$$\frac{B\cdot E\cdot((A\cdot C+A\cdot D)-C\cdot D)}{(A\cdot B\cdot(C+D)-B\cdot C\cdot D)+D\cdot E\cdot(A-C)}-R = 0.00000$$



Unit = 1.00000

A = 1.06459

B = 0.39107

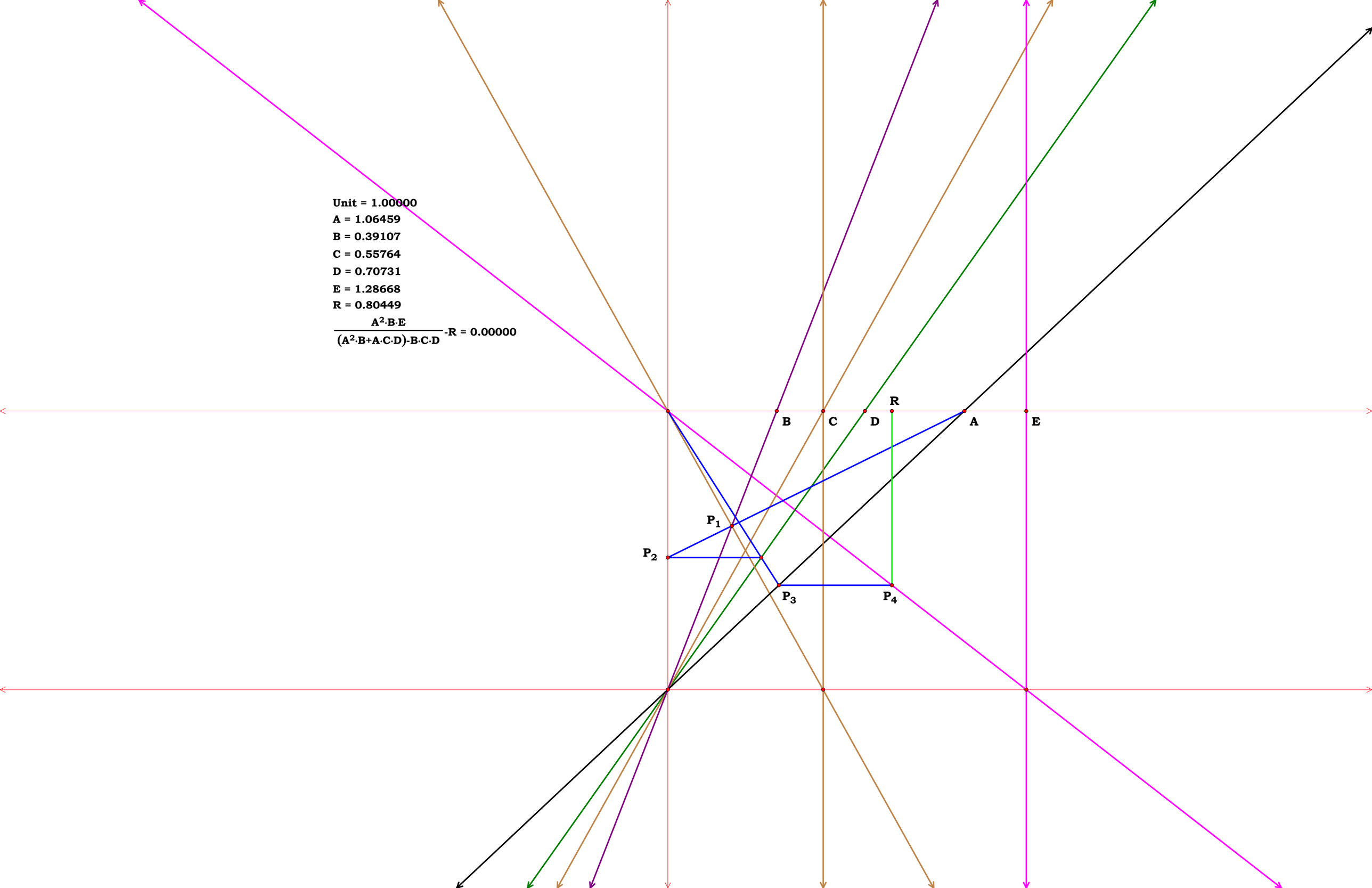
C = 0.55764

D = 0.70731

E = 1.28668

R = 0.80449

$$\frac{A^2 \cdot B \cdot E}{(A^2 \cdot B + A \cdot C \cdot D) - B \cdot C \cdot D} - R = 0.00000$$



Unit = 1.00000

A = 1.21909

B = 0.89802

C = 1.00182

D = 1.64637

E = 0.42246

F = 0.72421

R = 0.55528

$$\frac{E\cdot F\cdot\left(A^2\cdot C+B\cdot D\cdot(A-C)\right)}{A\cdot E\cdot(A\cdot C+B\cdot D)+B\cdot D\cdot(A\cdot F-C\cdot E-C\cdot F)}-R = 0.00000$$

R

E F B C A D

P_1

P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 1.12253

B = 0.39107

C = 0.27037

D = 0.62524

E = 0.52385

R = 0.84423

$$\frac{E\cdot((A^2\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D)}{A^2\cdot C}-R = 0.00000$$

C B E D R A

P_1 P_2 P_3 P_4 P_5

Unit = 1.00000

A = 1.35910

B = 0.39832

C = 0.19554

D = 0.28244

E = 0.86181

F = 0.50695

R = 0.64431

$$\frac{A^2 \cdot C \cdot E \cdot F}{(A^2 \cdot C \cdot E - A \cdot B \cdot D \cdot F) + B \cdot C \cdot D \cdot F} - R = 0.00000$$

C D B F R E A

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 0.55764

B = 0.39107

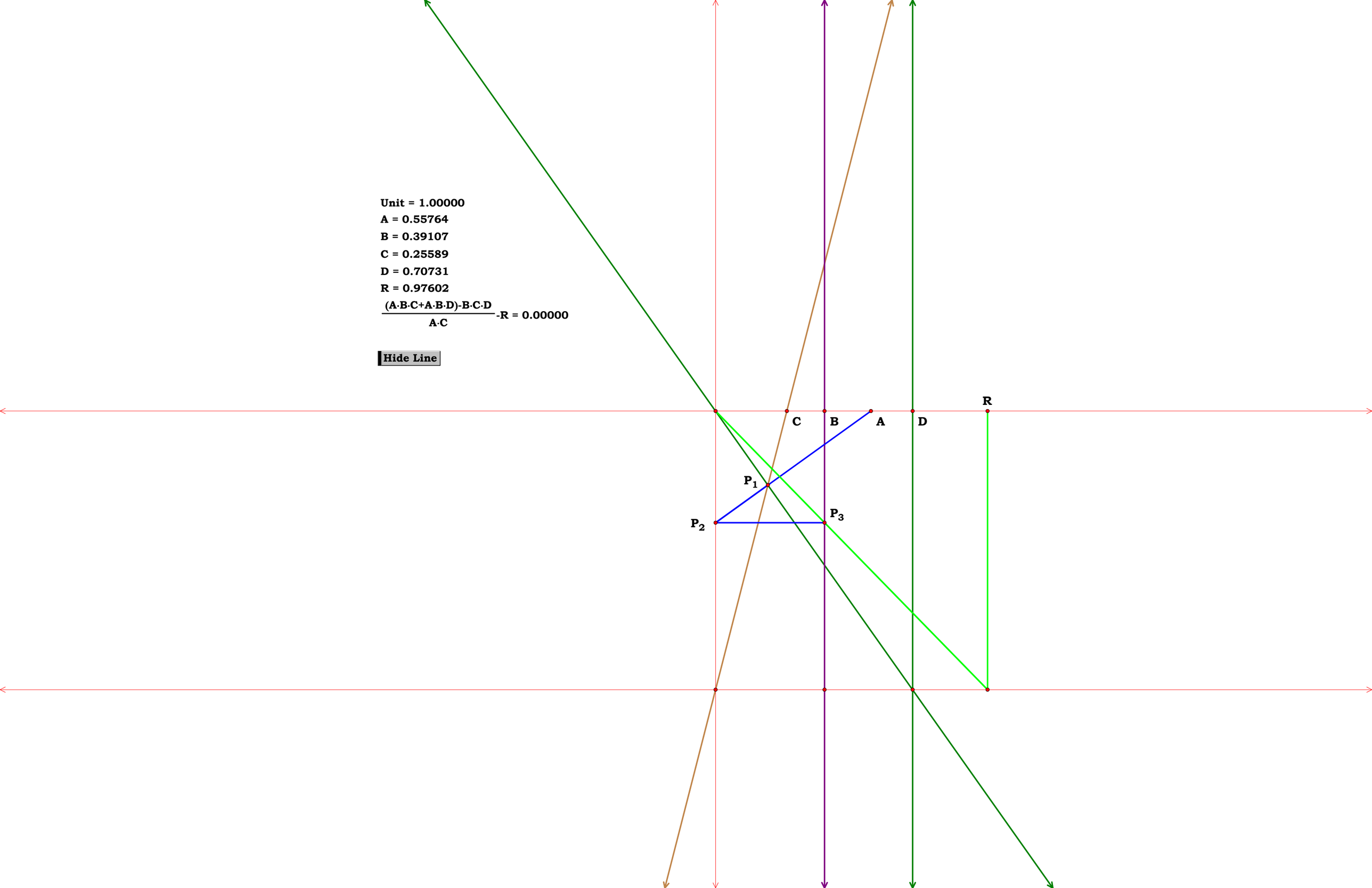
C = 0.25589

D = 0.70731

R = 0.97602

$$\frac{(A\cdot B\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D}{A\cdot C}-R = 0.00000$$

Hide Line



Unit = 1.00000

A = 1.35669

B = 0.28244

C = 0.42970

D = 0.70731

R = 0.58716

$\frac{A \cdot B \cdot D}{A \cdot C - B \cdot C} - R = 0.00000$

R

B

C

D

A

P_1

P_2

P_3

Unit = 1.00000

A = 1.07907

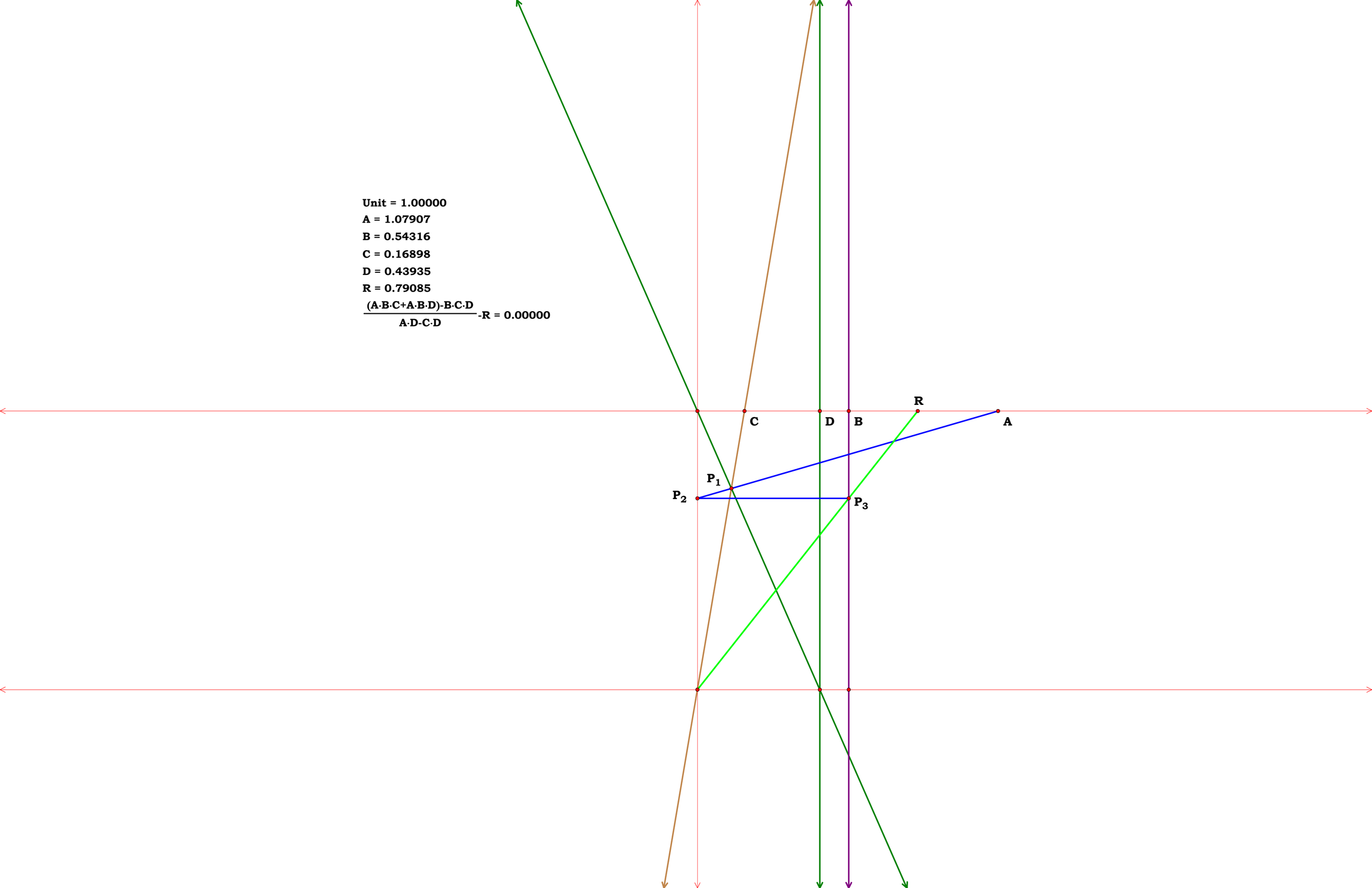
B = 0.54316

C = 0.16898

D = 0.43935

R = 0.79085

$$\frac{(A\cdot B\cdot C+A\cdot B\cdot D)-B\cdot C\cdot D}{A\cdot D-C\cdot D}-R = 0.00000$$



Unit = 1.00000

A = 0.71697

B = 0.90285

C = 0.34521

D = 0.20278

E = 0.46591

R = 1.21473

$\frac{A^2 \cdot C \cdot E}{B \cdot D \cdot (A-C)} - R = 0.00000$

Hide Line

D C E A B R

P_1

P_2

P_3

P_4

P_5

Unit = 1.00000

A = 0.92699

B = 0.40797

C = 0.12794

D = 0.60109

E = 0.50212

R = 0.78385

$$\frac{E\cdot(A^2\cdot C+B\cdot D\cdot(A-C))}{B\cdot D\cdot(A-C)}-R = 0.00000$$

C B E D R A

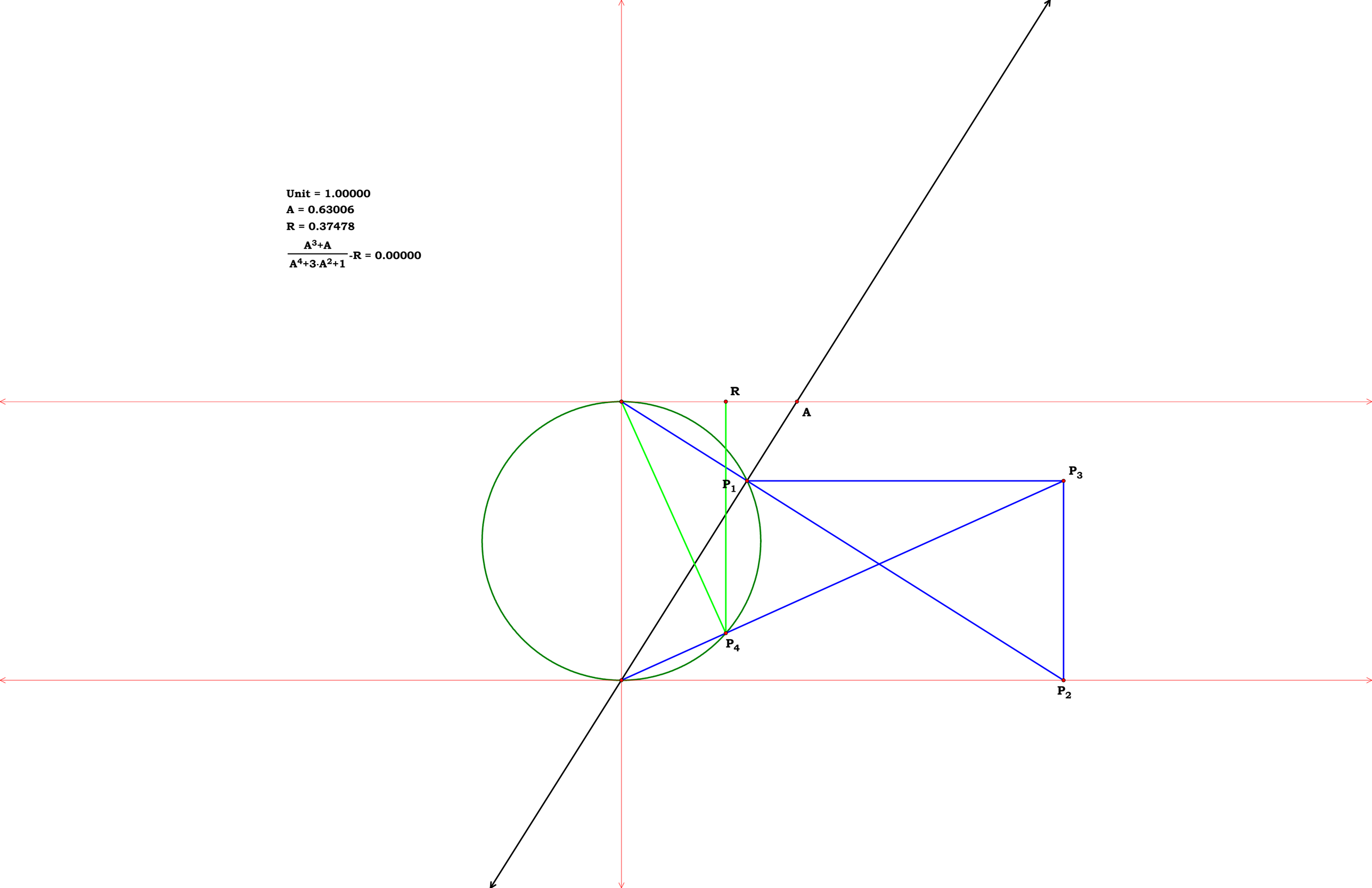
P_1 P_2 P_3 P_4 P_5

Unit = 1.00000

A = 0.63006

R = 0.37478

$$\frac{A^3+A}{A^4+3\cdot A^2+1}-R = 0.00000$$

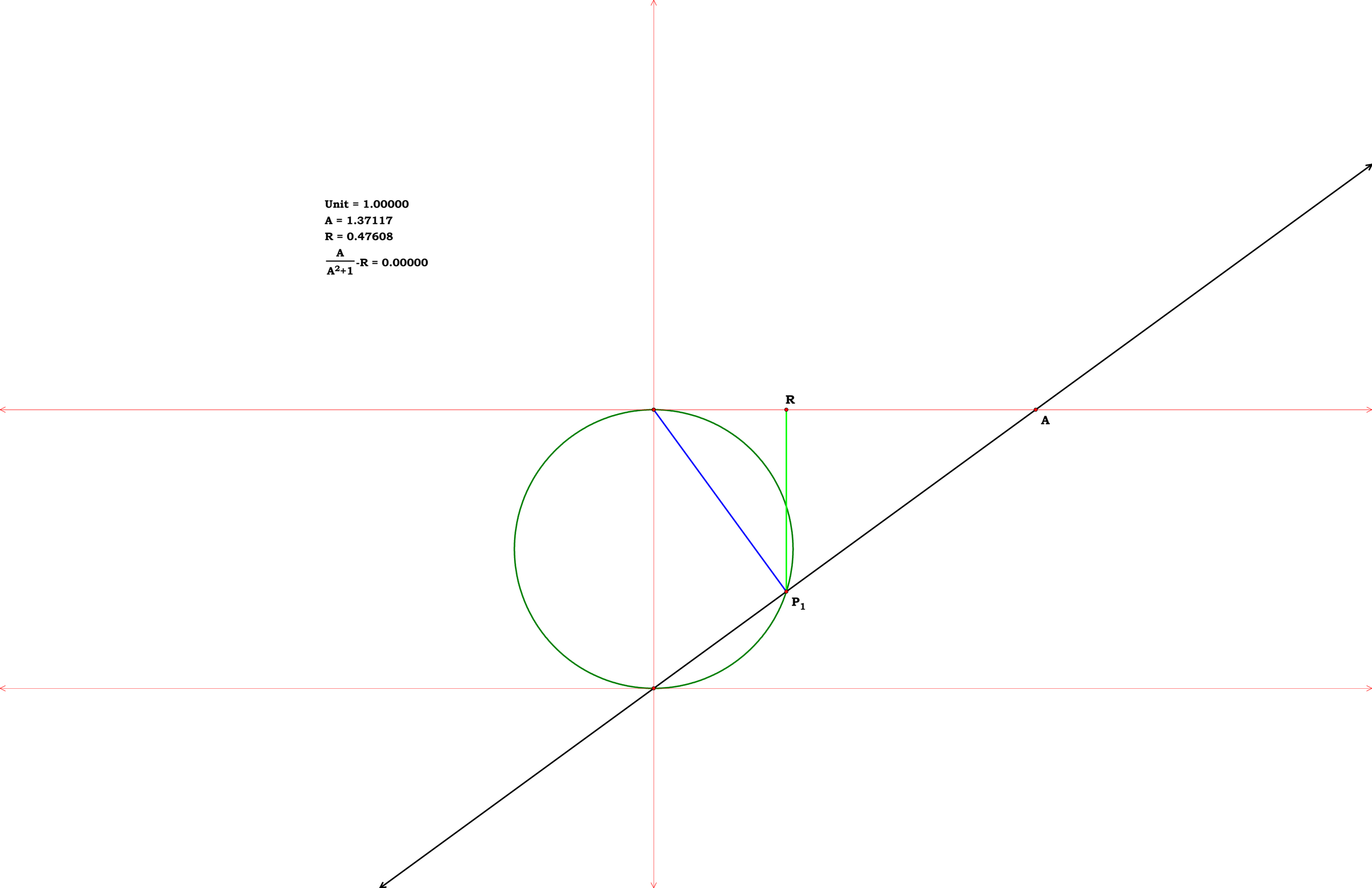


Unit = 1.00000

A = 1.37117

R = 0.47608

$\frac{A}{A^2+1}$-R = 0.00000



Unit = 1.00000

A = 1.35186

B = 1.13218

R = 0.47657

$$\frac{A^2 \cdot B \cdot (A^2+1)}{A^4 \cdot B^2 + A^4 + 2 \cdot A^2 + 1} - R = 0.00000$$

R

P_3

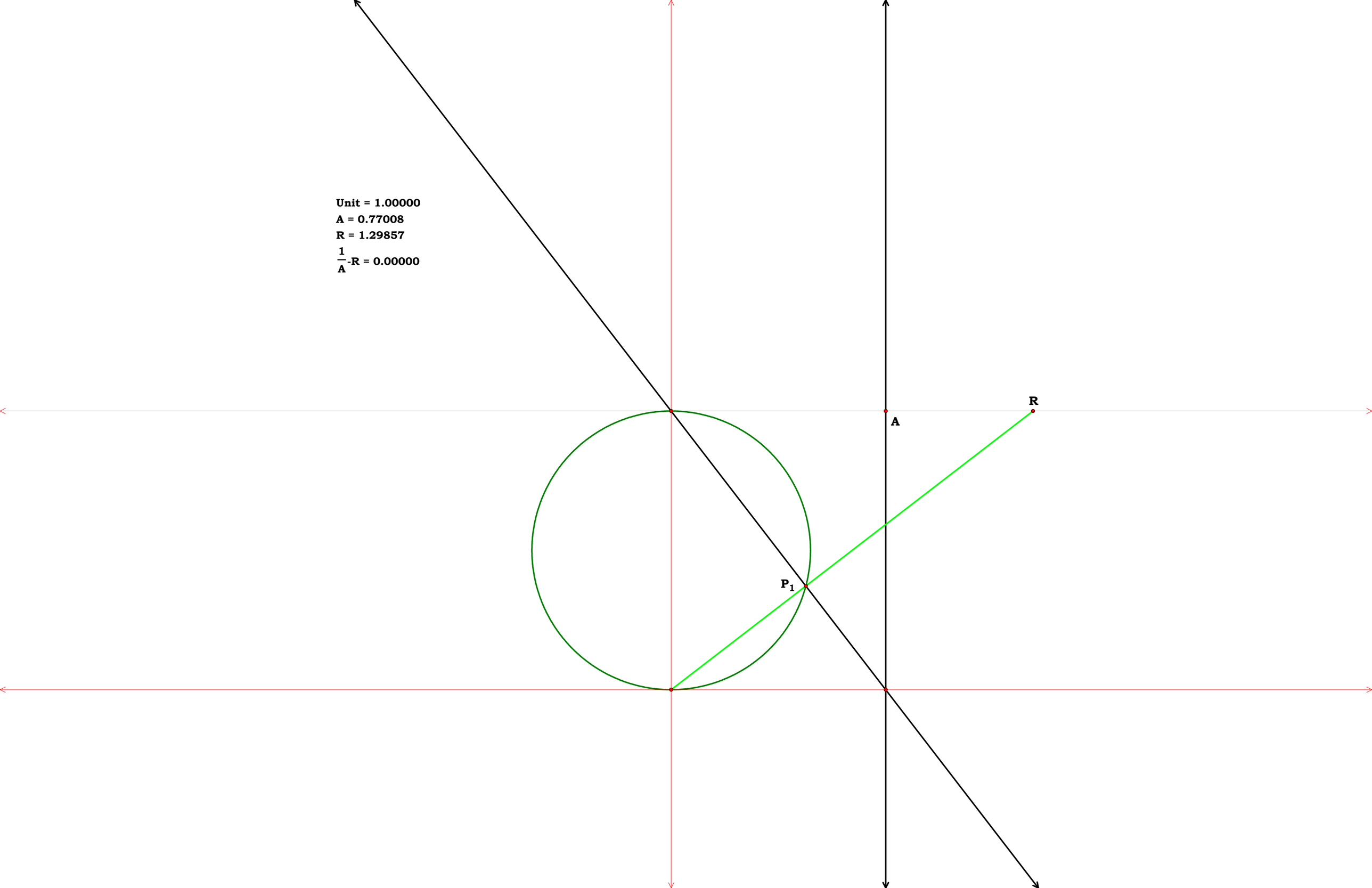
B

A

P_4

P_2

P_1


Unit = 1.00000
A = 0.77008
R = 1.29857
1/A-R = 0.00000
R
A
P1

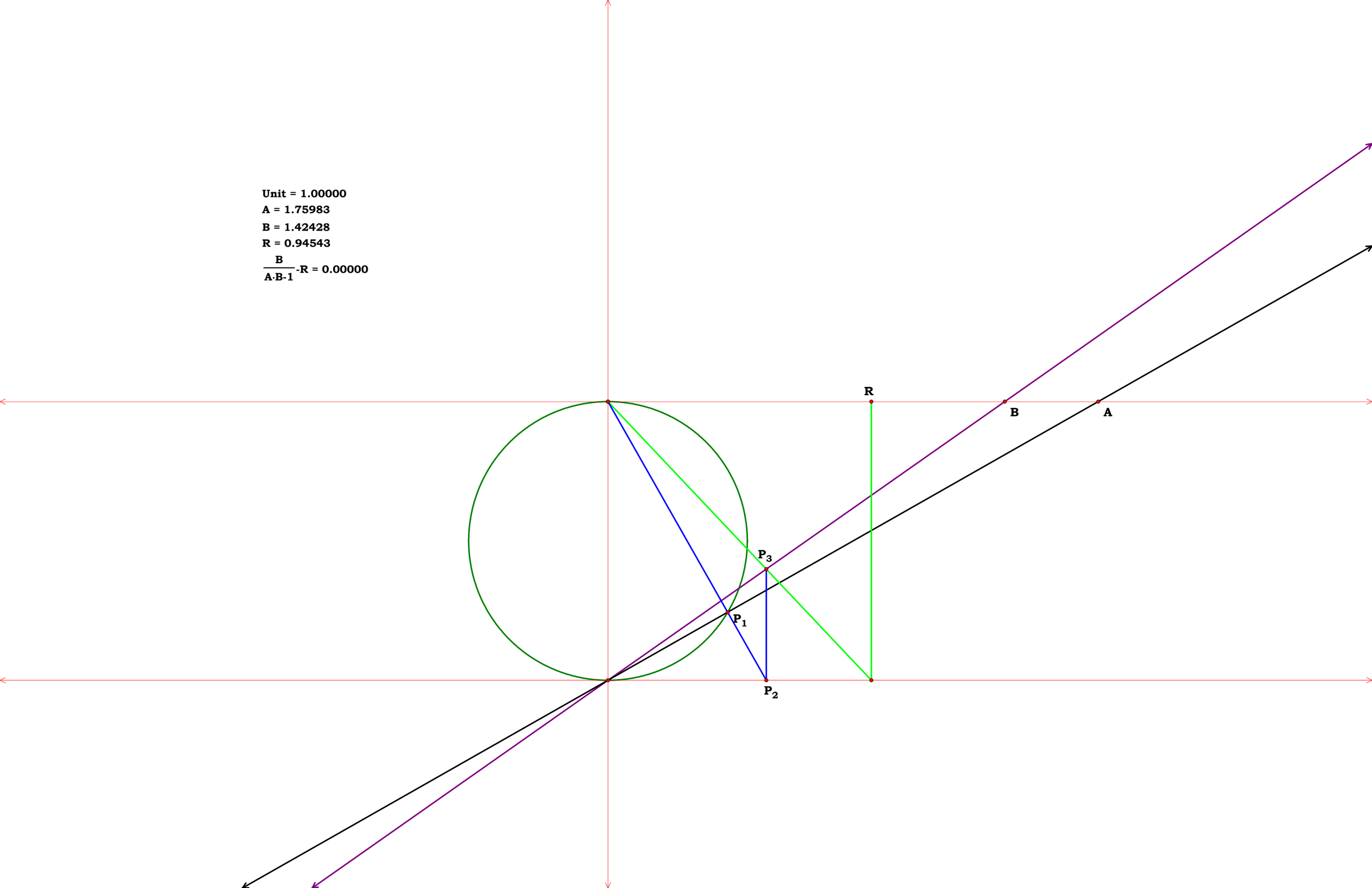
Unit = 1.00000

A = 1.75983

B = 1.42428

R = 0.94543

$\frac{B}{A \cdot B - 1} - R = 0.00000$



Unit = 1.00000

A = 1.45325

B = 0.87871

R = 0.59634

$\frac{A^2 \cdot B}{A^2+1}$-R = 0.00000

R

B

A

P_1

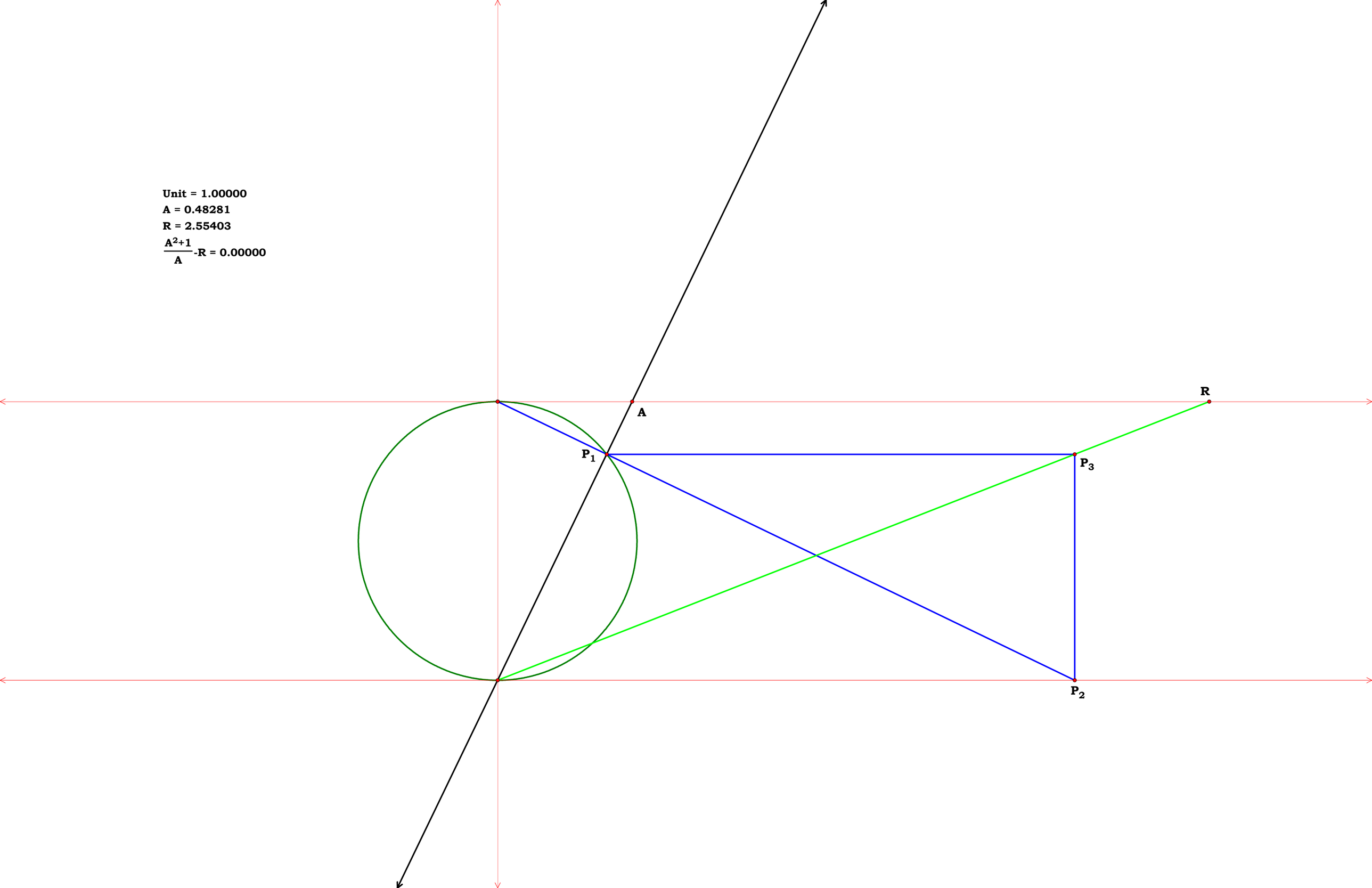
P_2

Unit = 1.00000

A = 0.48281

R = 2.55403

$\frac{A^2+1}{A}$-R = 0.00000



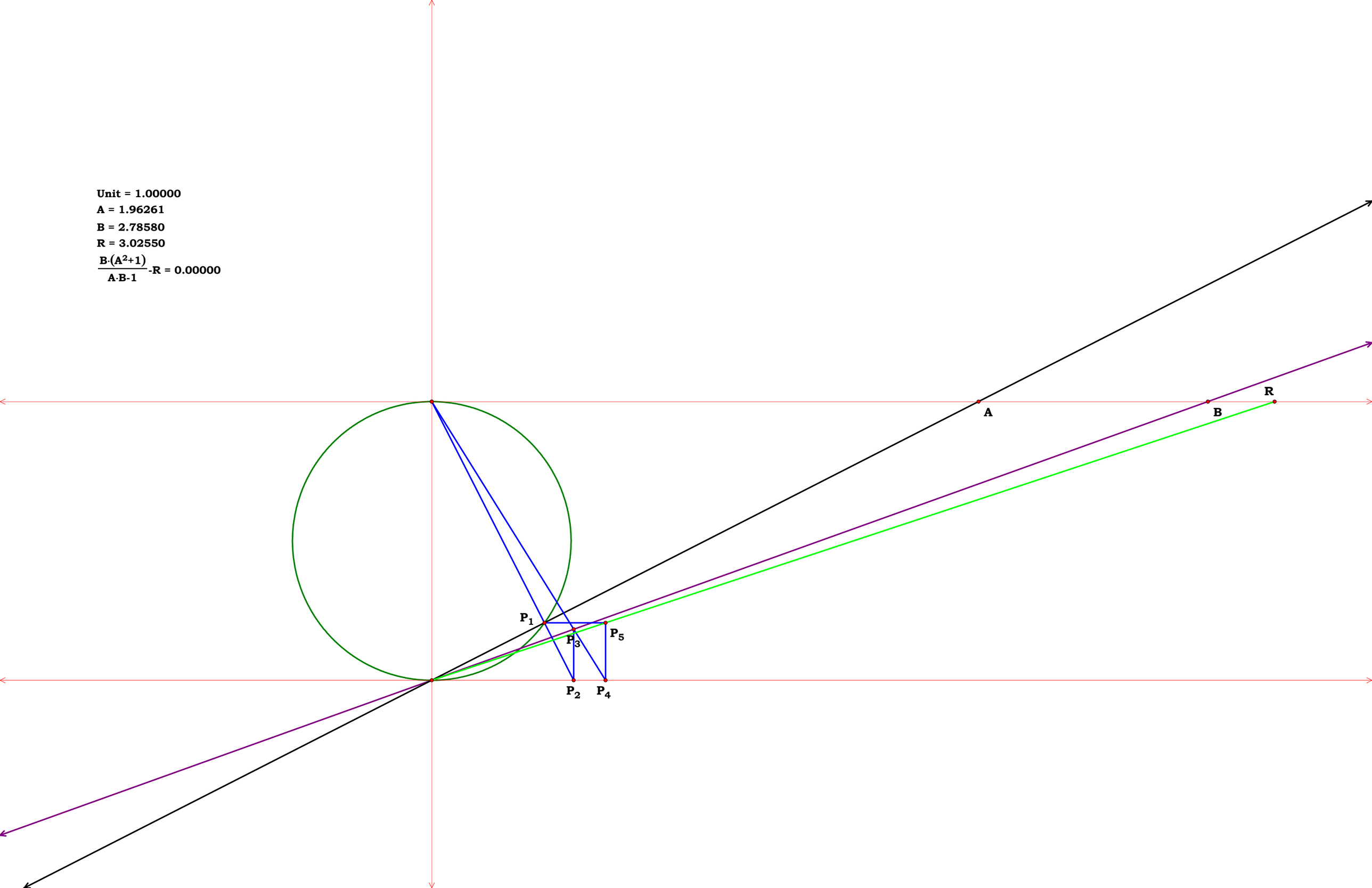
Unit = 1.00000

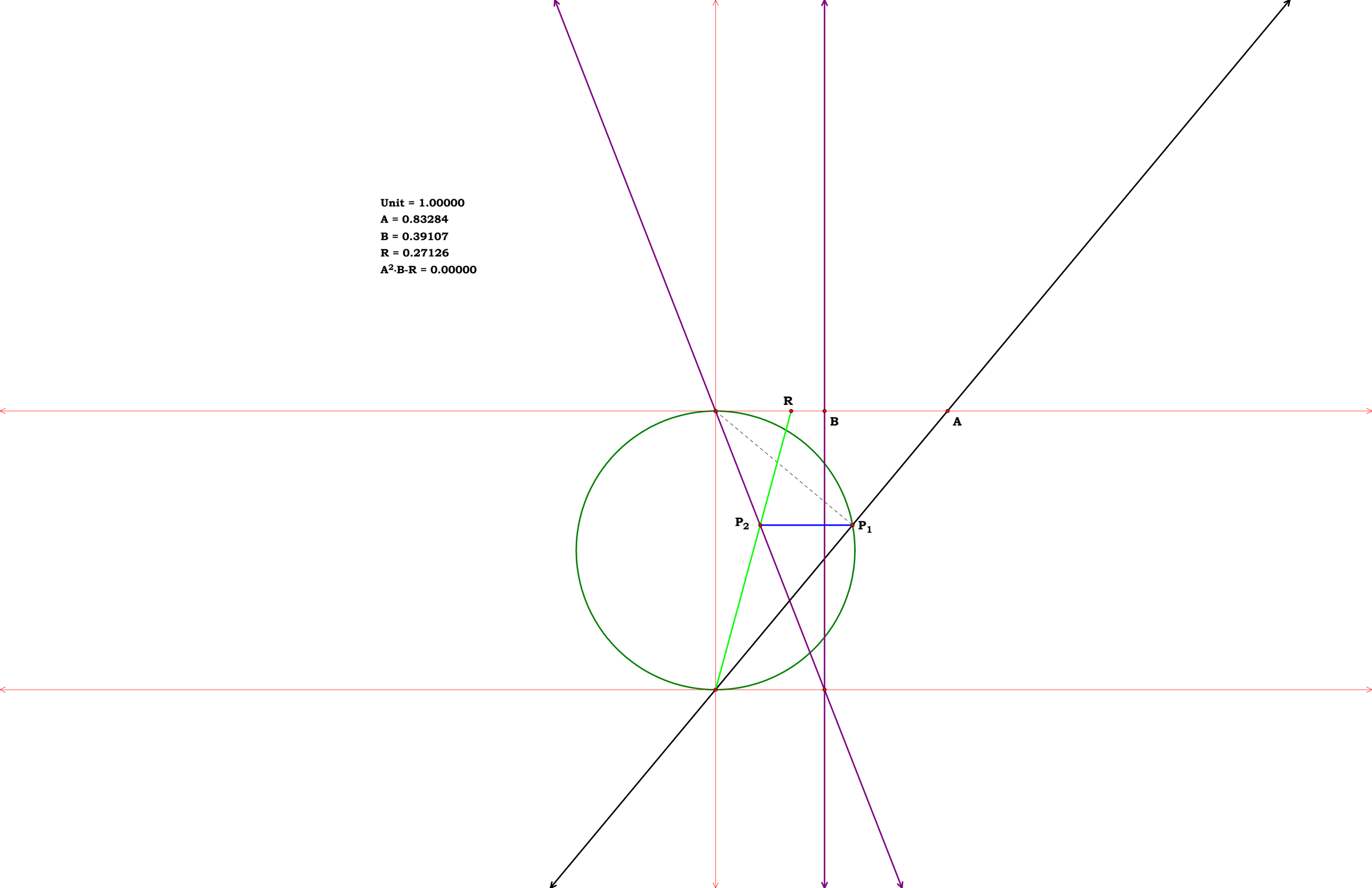
A = 1.96261

B = 2.78580

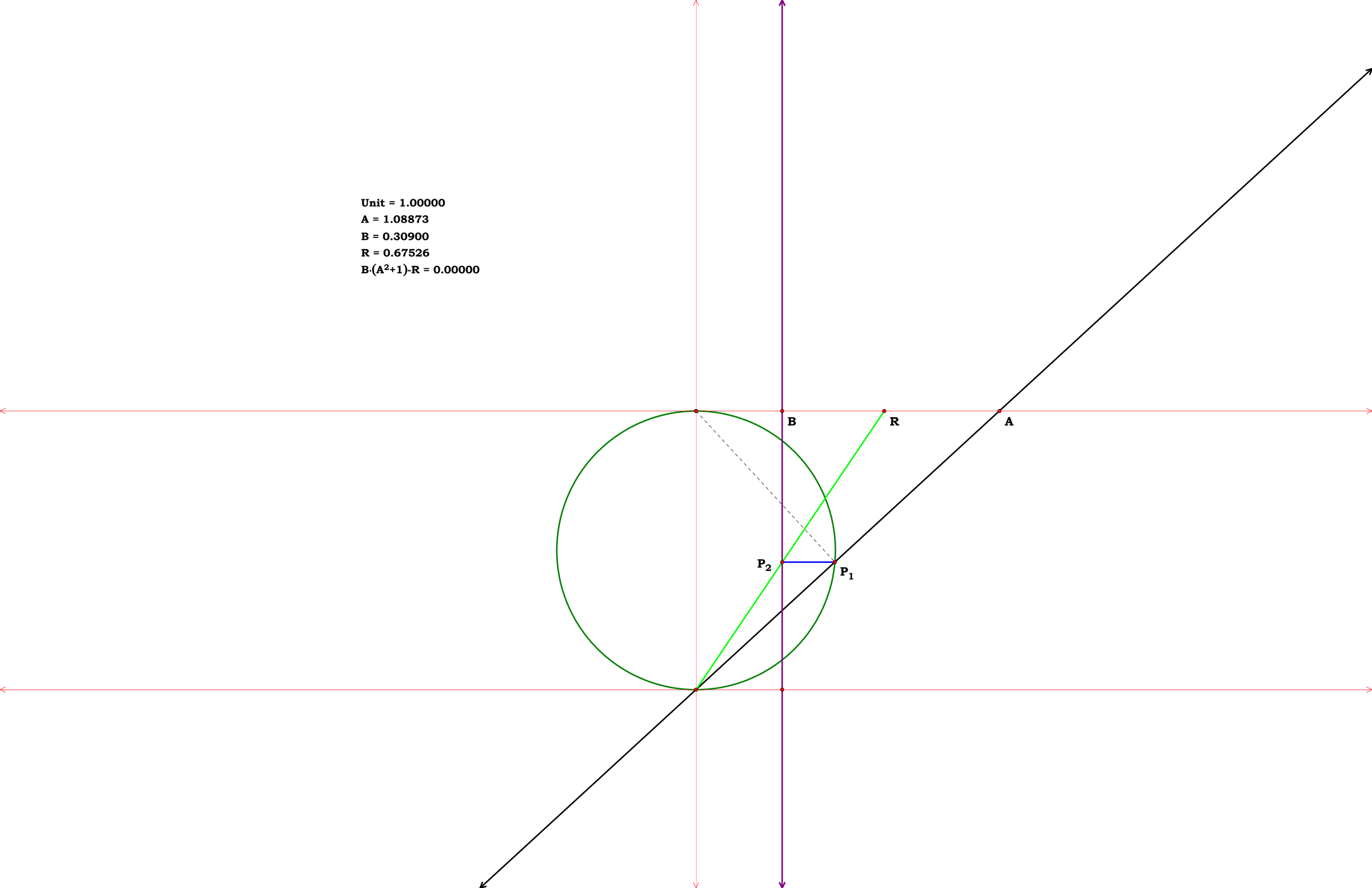
R = 3.02550

$\frac{B\cdot(A^2+1)}{A\cdot B-1}$-R = 0.00000




Unit = 1.00000
A = 0.83284
B = 0.39107
R = 0.27126
A²·B-R = 0.00000
R
B
A
P2
P1

Unit = 1.00000
A = 1.08873
B = 0.30900
R = 0.67526
B·(A²+1)-R = 0.00000

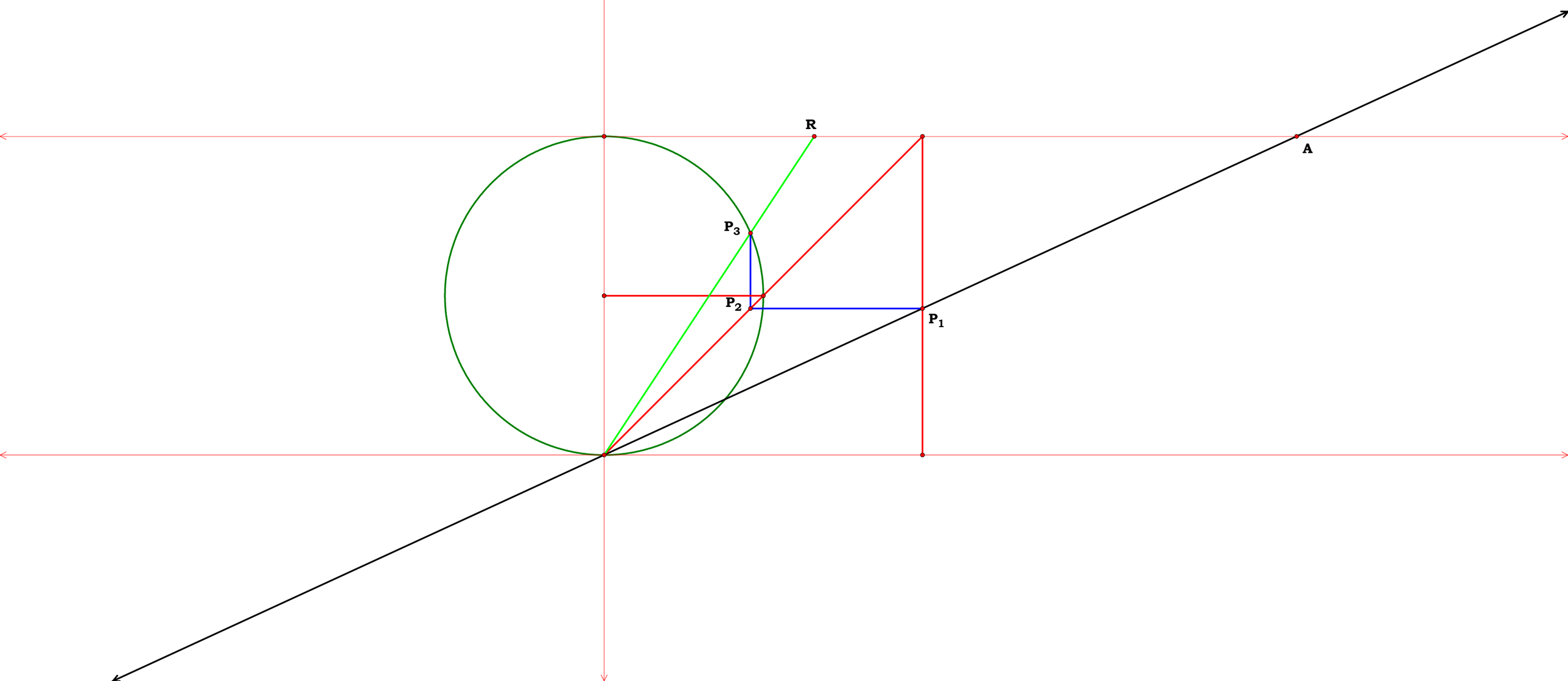


Unit = 1.00000

A = 2.17505

R = 0.66008

$$\frac{2\cdot\sqrt{A^2}}{A\cdot\left(\sqrt{A^2}+\sqrt{(A-2)\cdot(A+2)}\right)}-R = 0.00000$$

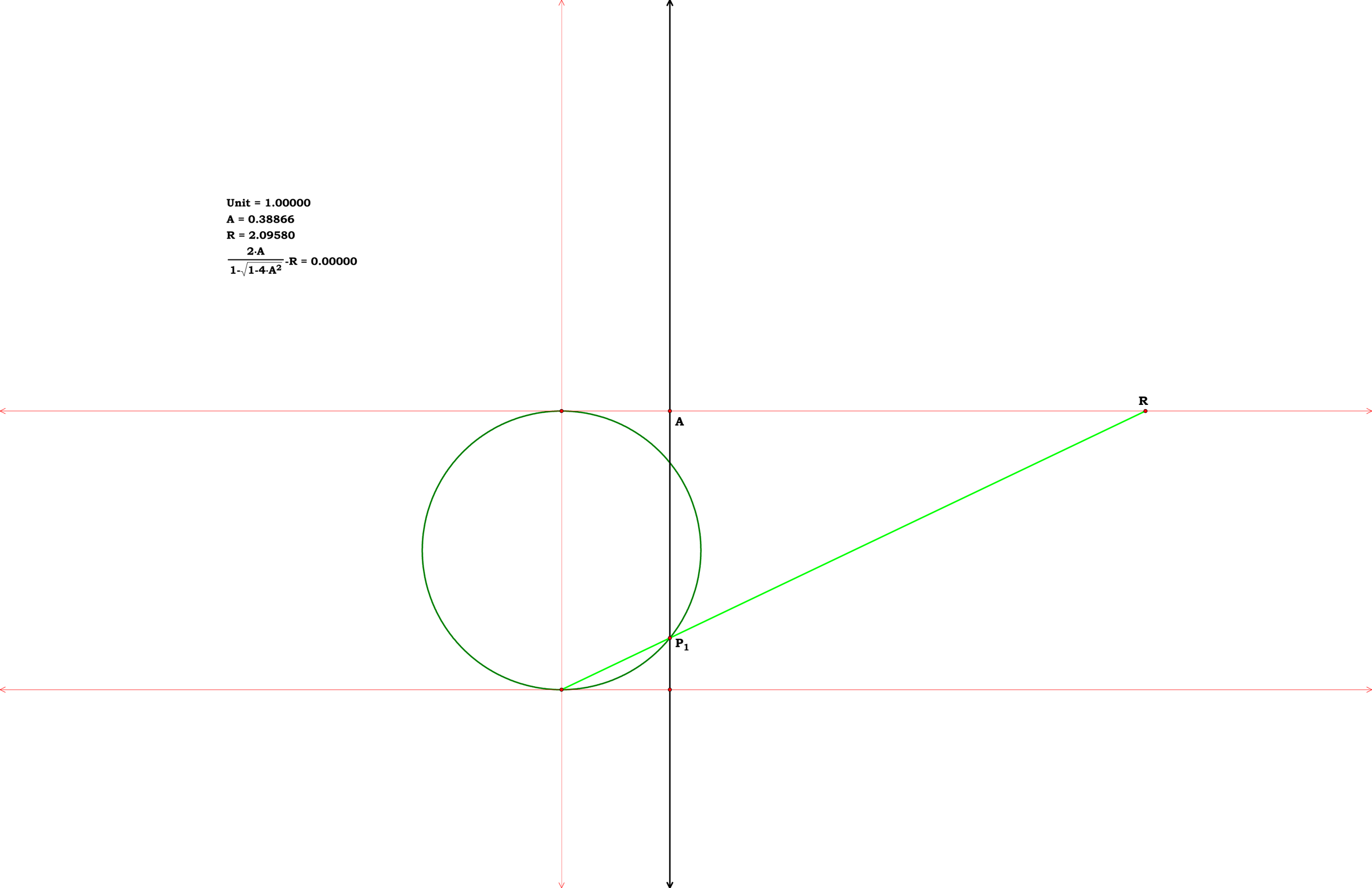


Unit = 1.00000

A = 0.38866

R = 2.09580

$$\frac{2 \cdot A}{1-\sqrt{1-4 \cdot A^2}} - R = 0.00000$$



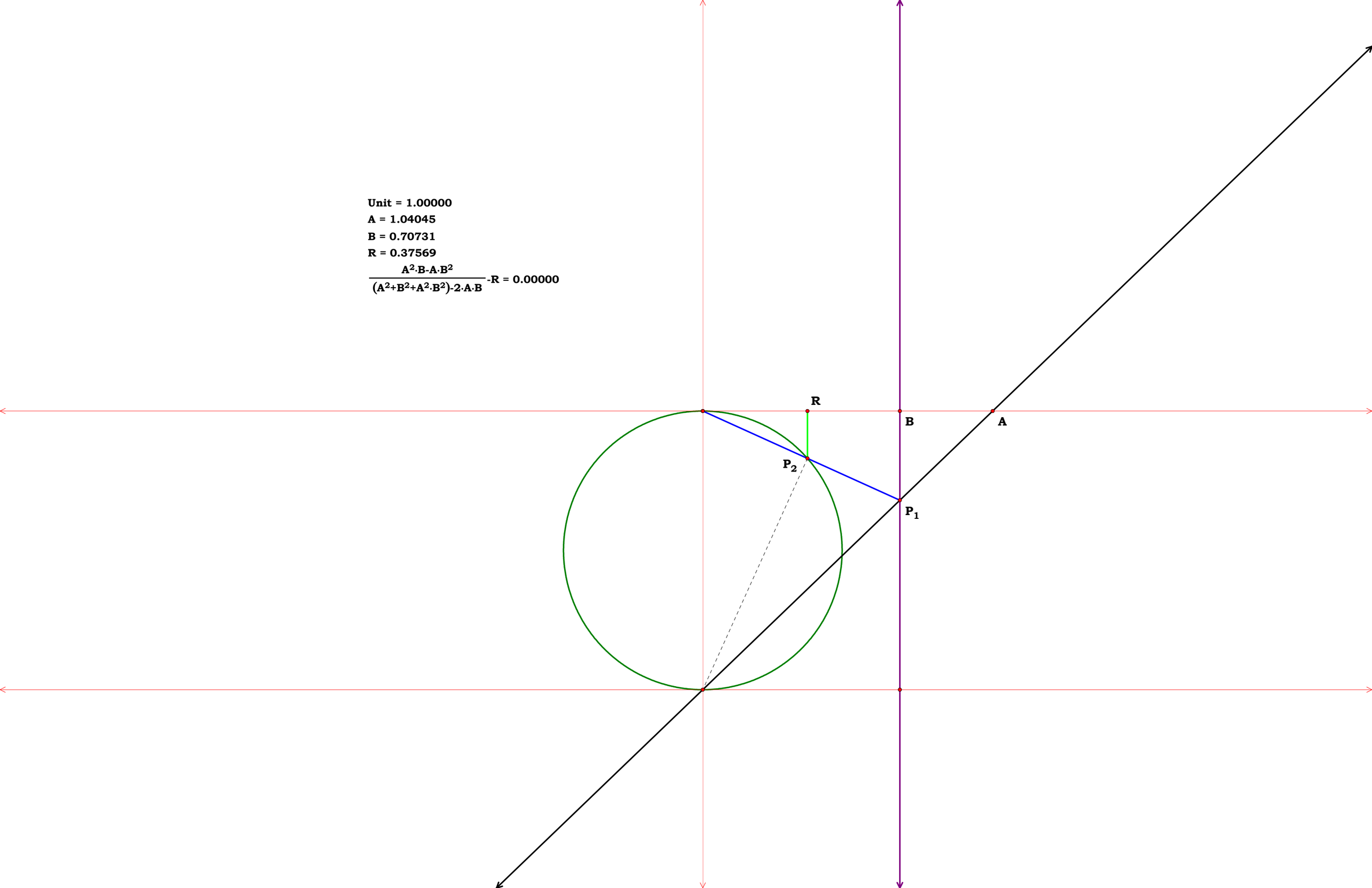
Unit = 1.00000

A = 1.04045

B = 0.70731

R = 0.37569

$$\frac{A^2 \cdot B - A \cdot B^2}{(A^2 + B^2 + A^2 \cdot B^2) - 2 \cdot A \cdot B} - R = 0.00000$$



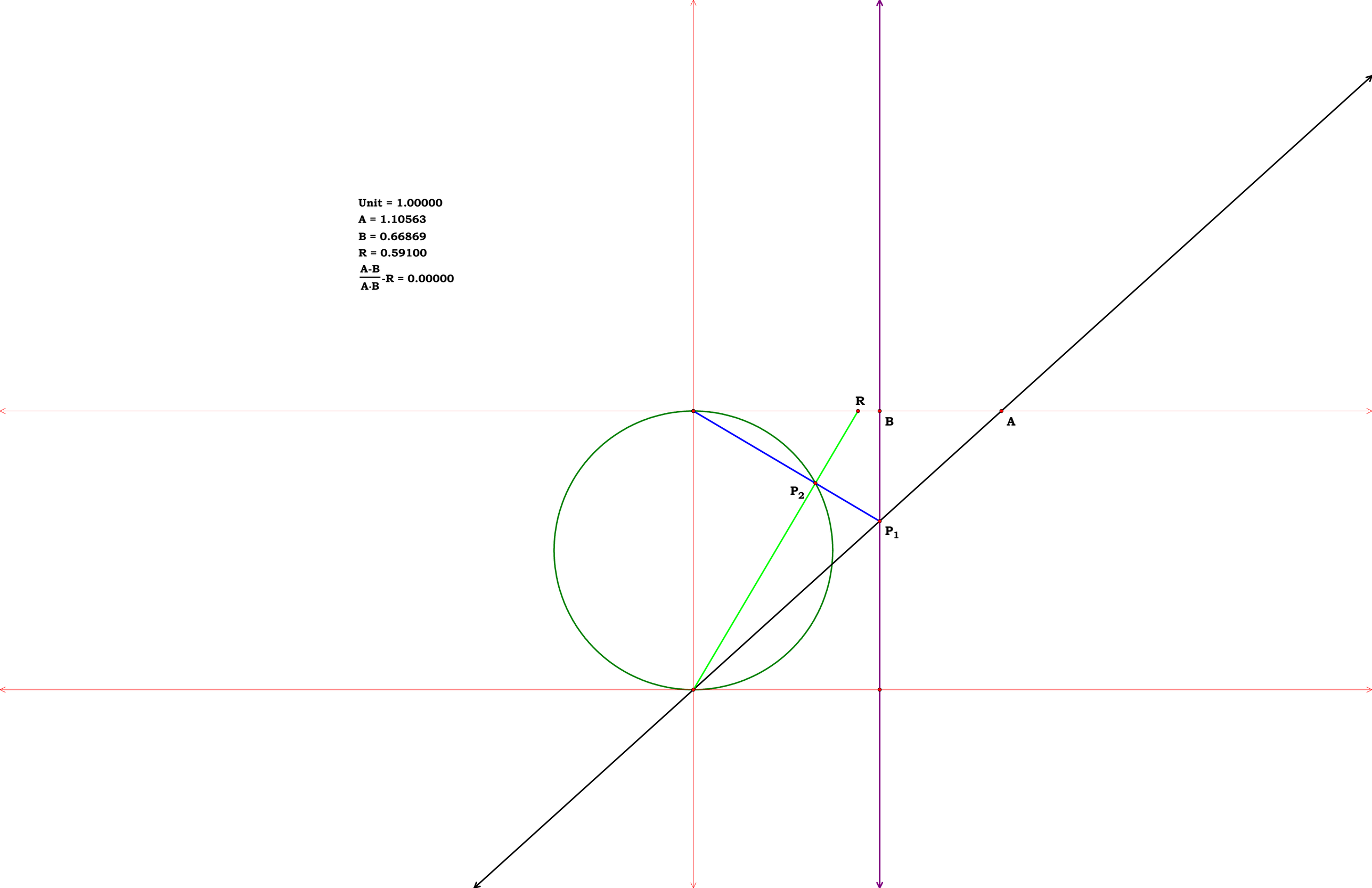
Unit = 1.00000

A = 1.10563

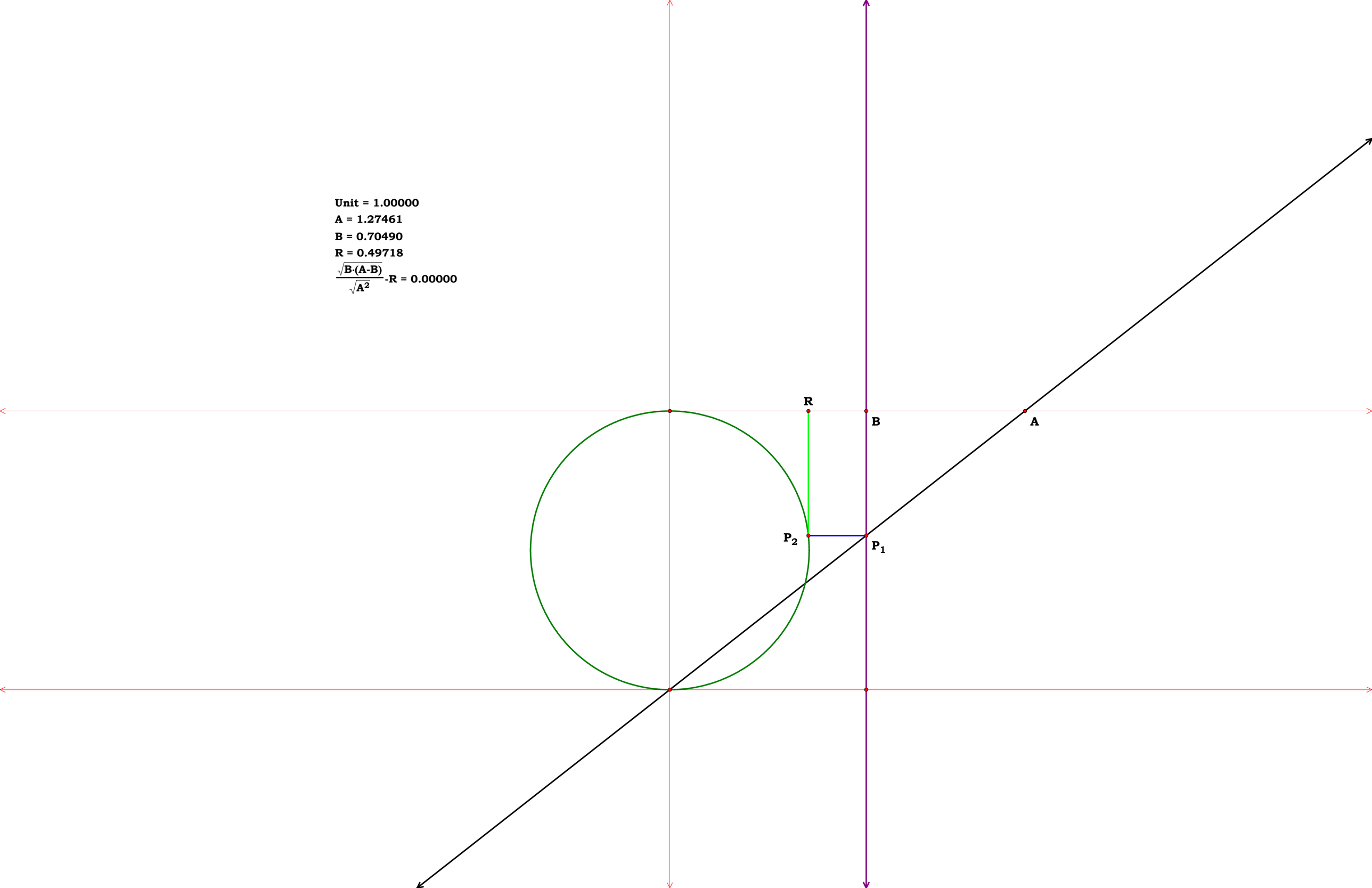
B = 0.66869

R = 0.59100

$\frac{A-B}{A \cdot B} - R = 0.00000$



Unit = 1.00000
A = 1.27461
B = 0.70490
R = 0.49718
$\frac{\sqrt{B\cdot(A-B)}}{\sqrt{A^2}}$**-R = 0.00000**



Unit = 1.00000

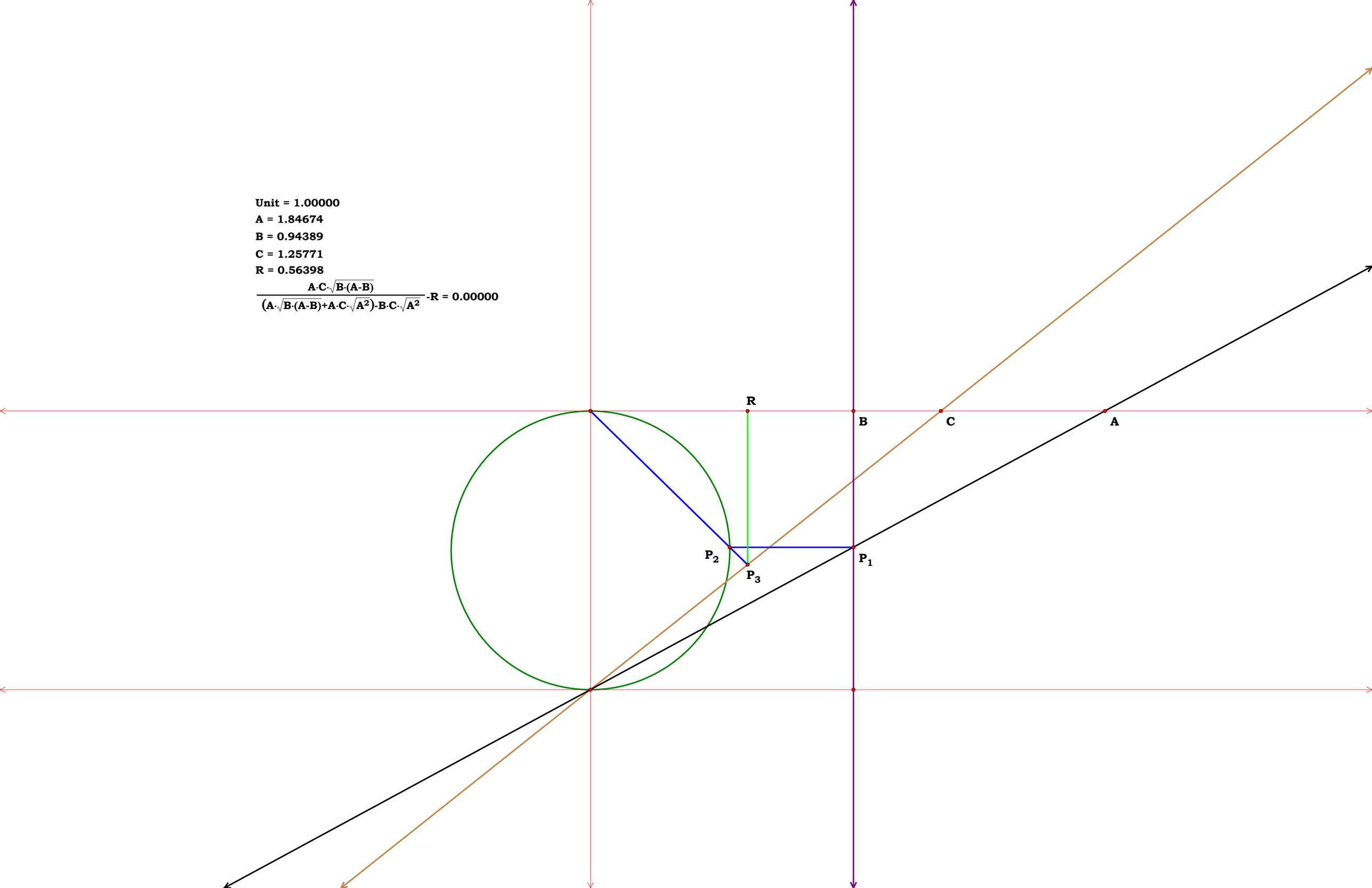
A = 1.84674

B = 0.94389

C = 1.25771

R = 0.56398

$$\frac{A \cdot C \cdot \sqrt{B \cdot (A-B)}}{\left(A \cdot \sqrt{B \cdot (A-B)} + A \cdot C \cdot \sqrt{A^2}\right) - B \cdot C \cdot \sqrt{A^2}} - R = 0.00000$$



Unit = 1.00000

A = -0.55523

B = -0.29934

R = 0.92457

$\frac{A\cdot\sqrt{B\cdot(A-B)}}{\sqrt{A^2\cdot B}}-R = 0.00000$

A

B

R

P_1

P_2

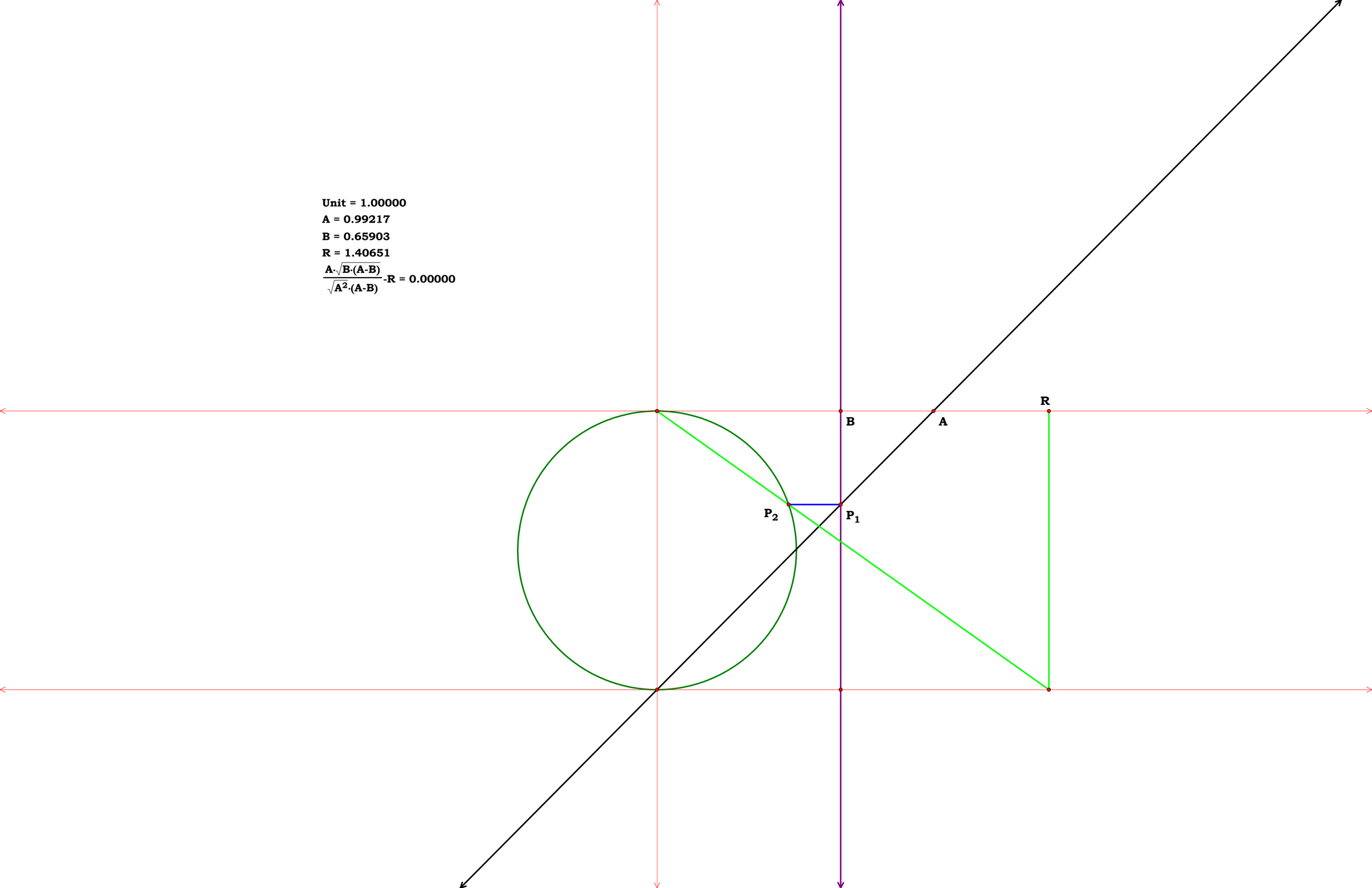
Unit = 1.00000

A = 0.99217

B = 0.65903

R = 1.40651

$\frac{A\cdot\sqrt{B\cdot(A-B)}}{\sqrt{A^2\cdot(A-B)}}-R = 0.00000$



Unit = 1.00000

A = 1.10080

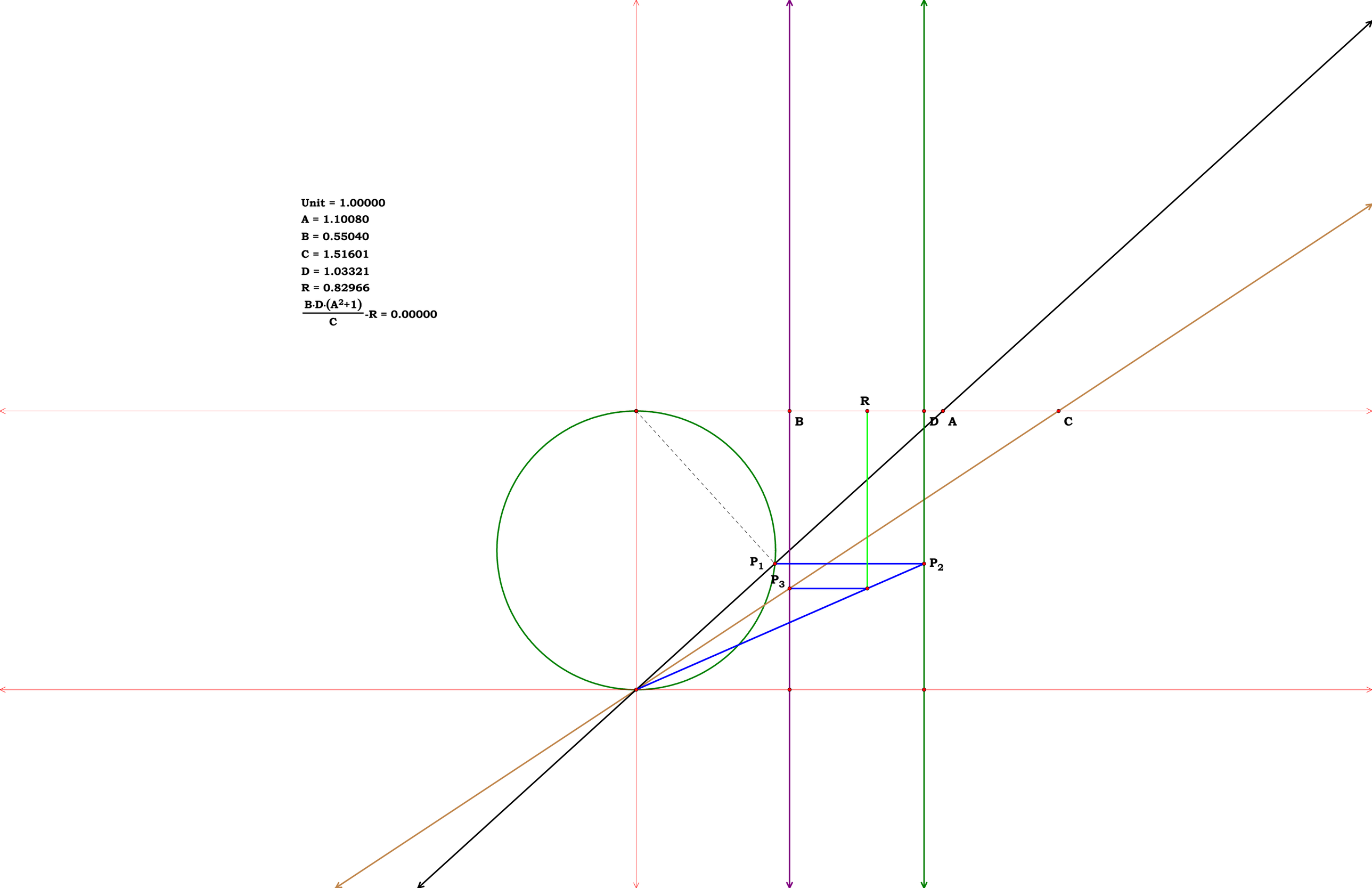
B = 0.55040

C = 1.51601

D = 1.03321

R = 0.82966

$\frac{B \cdot D \cdot (A^2+1)}{C}$ -R = 0.00000



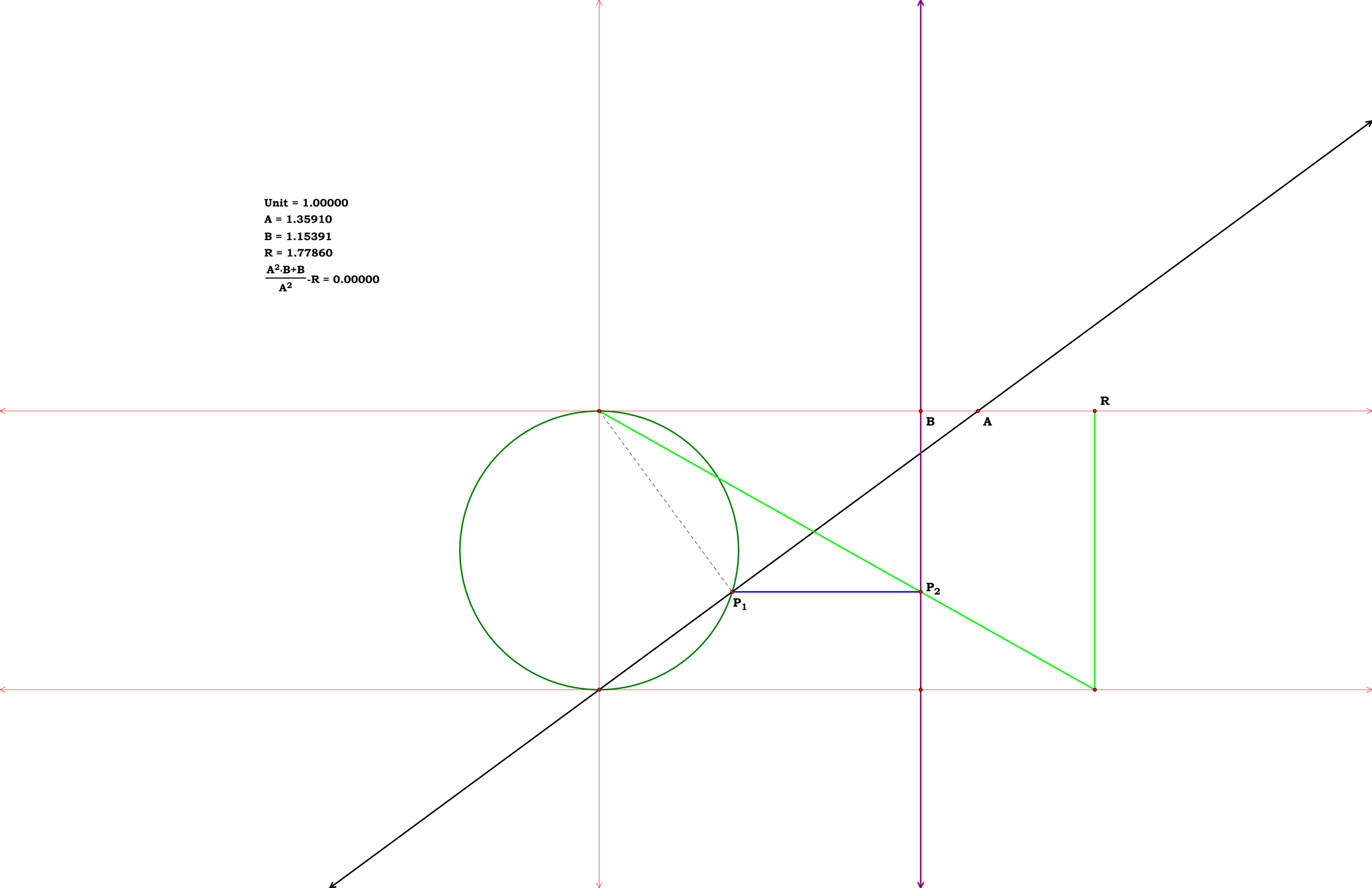
Unit = 1.00000

A = 1.35910

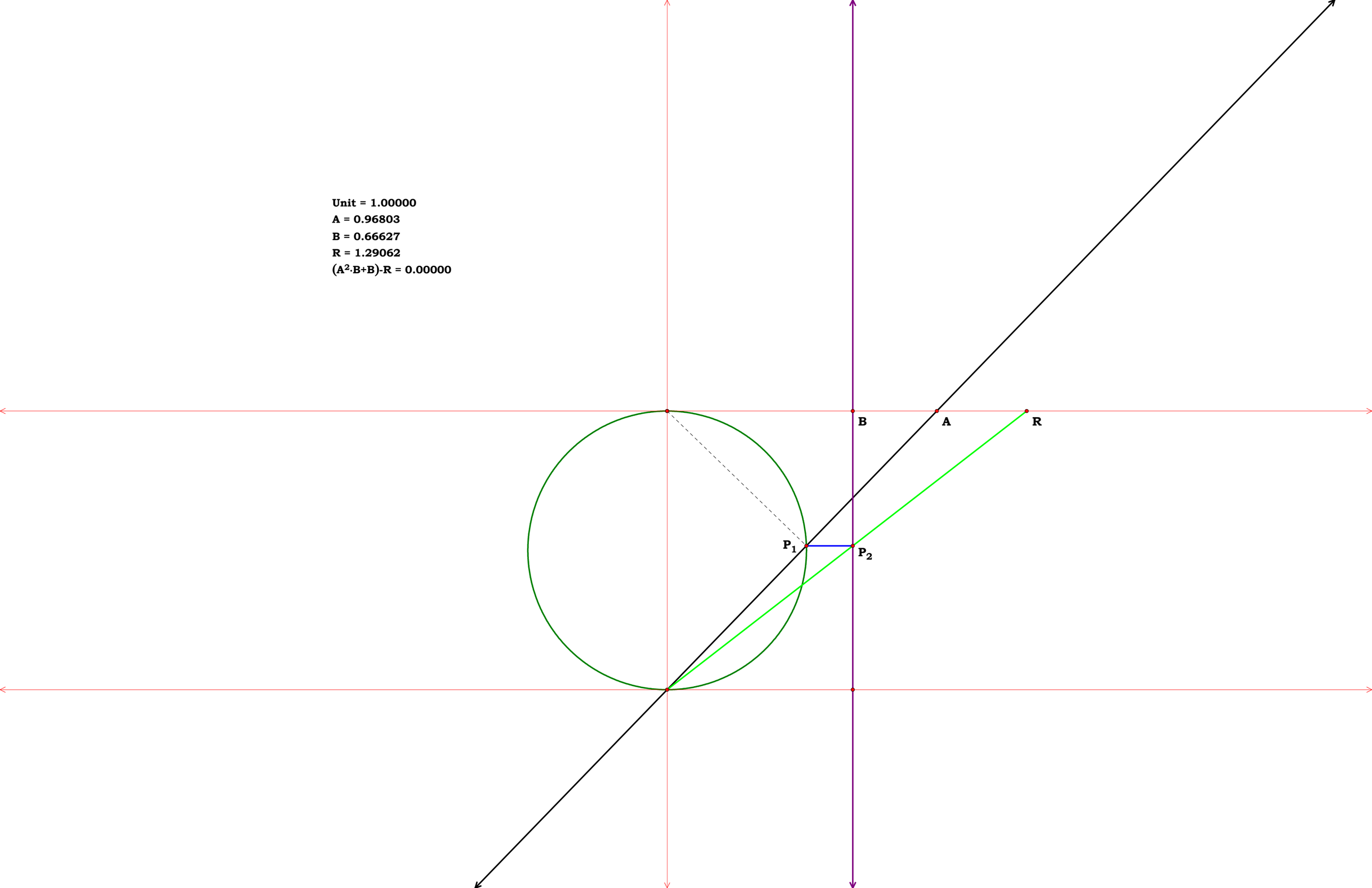
B = 1.15391

R = 1.77860

$\frac{A^2 \cdot B+B}{A^2}$-R = 0.00000



Unit = 1.00000
A = 0.96803
B = 0.66627
R = 1.29062
$(A^2 \cdot B+B)-R$ = 0.00000



Unit = 1.00000

A = 1.31082

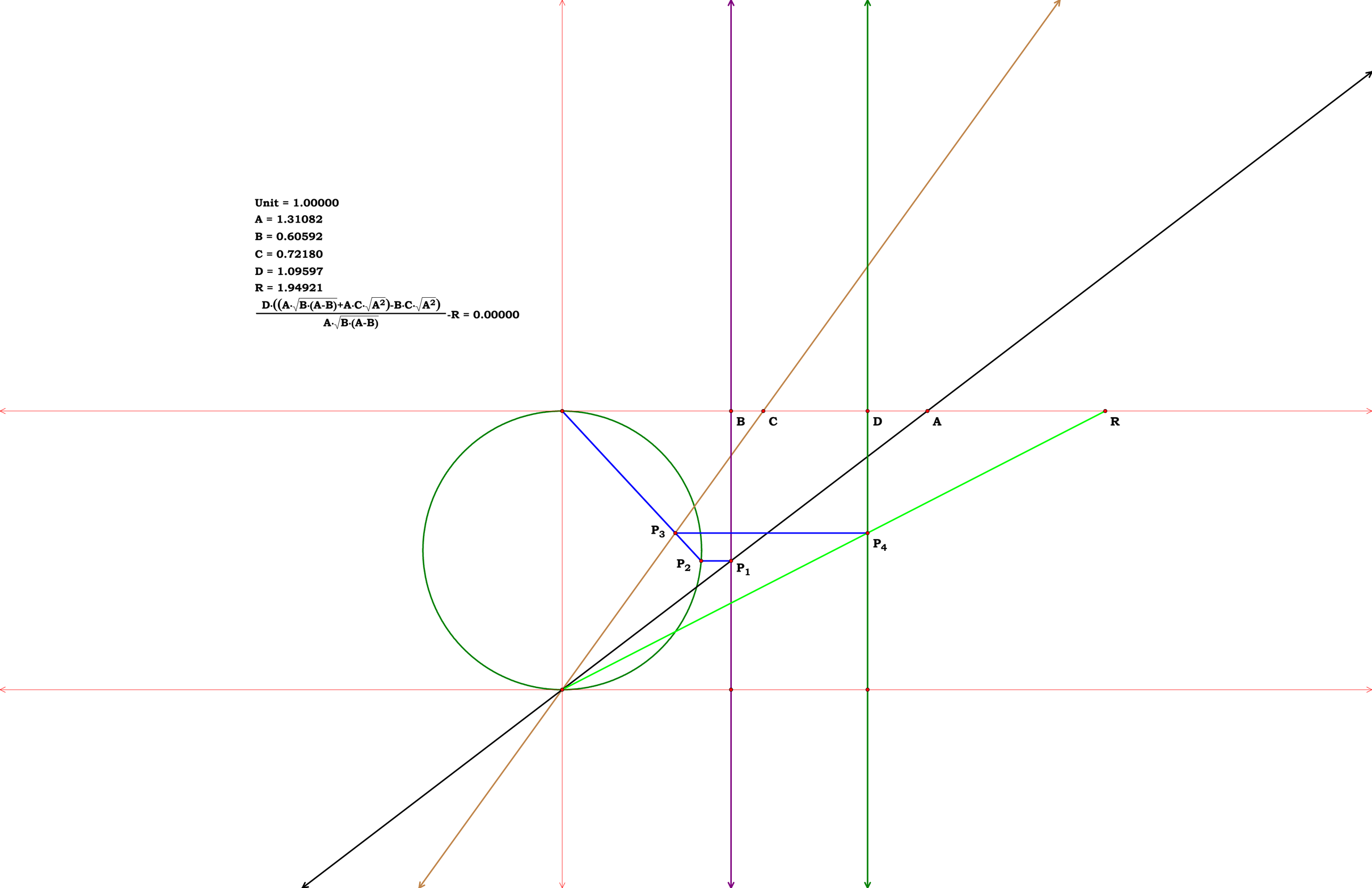
B = 0.60592

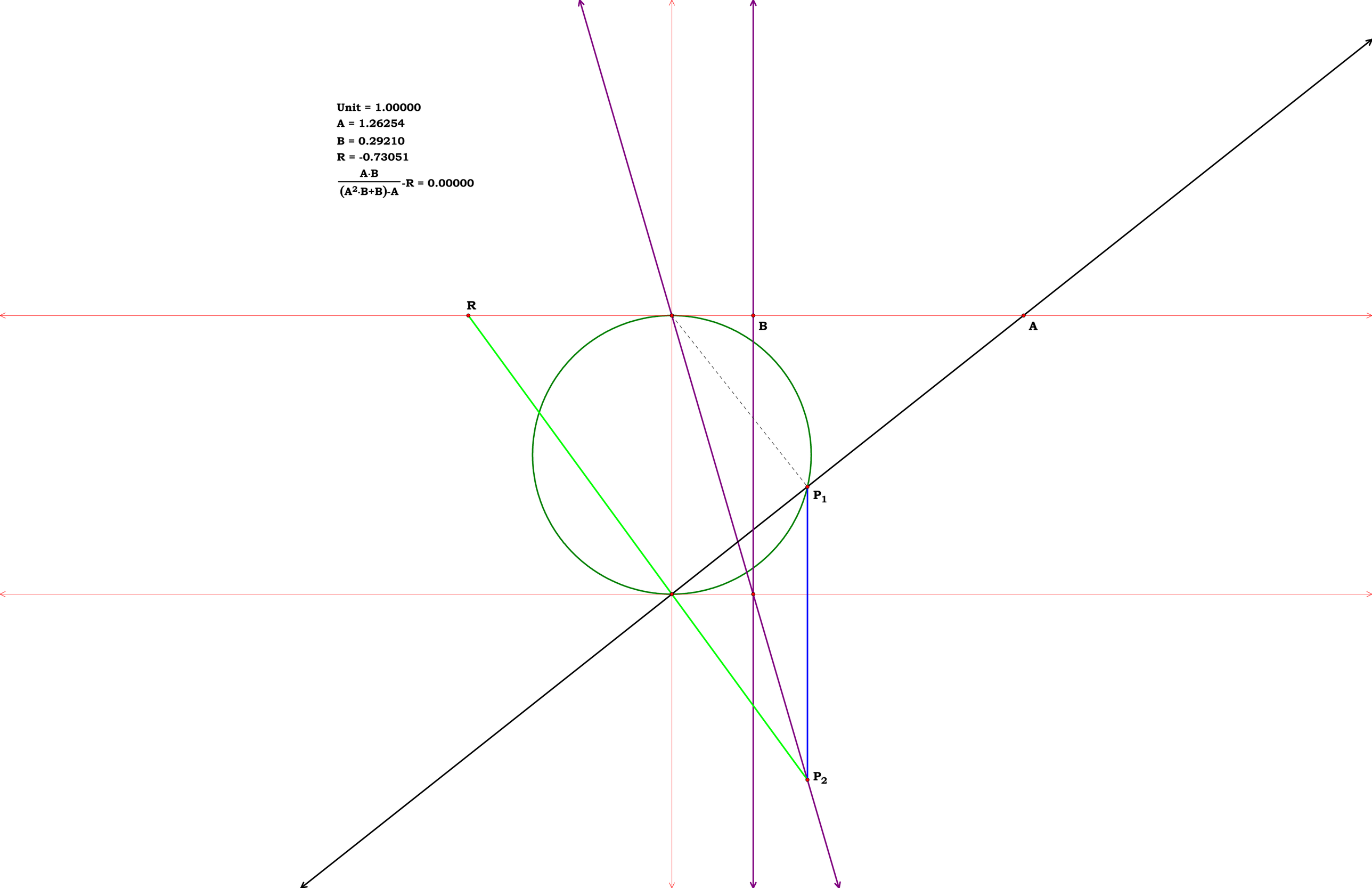
C = 0.72180

D = 1.09597

R = 1.94921

$$\frac{D\cdot\left(\left(A\cdot\sqrt{B\cdot(A-B)}+A\cdot C\cdot\sqrt{A^2}\right)-B\cdot C\cdot\sqrt{A^2}\right)}{A\cdot\sqrt{B\cdot(A-B)}}-R = 0.00000$$




Unit = 1.00000
A = 1.26254
B = 0.29210
R = -0.73051
$\frac{A \cdot B}{(A^2 \cdot B + B) - A} - R = 0.00000$
R
B
A
P_1
P_2

Unit = 1.00000

A = 0.84491

B = 0.39590

R = 0.68452

$\frac{(A+B)\cdot\sqrt{A\cdot B}}{A\cdot\sqrt{(A+B)^2}}$ -R = 0.00000

B

R

A

P_1

P_2

Unit = 1.00000

A = 0.94147

B = 0.63731

R = 1.90027

$$\frac{B\cdot(A^2+1)\cdot\sqrt{A\cdot((A^2\cdot B-A)+B)}}{((A^2\cdot B-A)+B)\cdot\sqrt{B^2\cdot(A^2+1)^2}}-R = 0.00000$$

B

A

R

P_1

P_2

P_3

Unit = 1.00000

A = 1.61499

B = 0.86422

C = 1.34945

R = 0.99356

$$\frac{(A+B)\cdot\sqrt{B\cdot C\cdot\sqrt{A\cdot B}\cdot\sqrt{(A+B)^2}}}{\sqrt{A\cdot B}\cdot\sqrt{\sqrt{(A+B)^{23}}}} - R = 0.00000$$

If one does not pay attention to this construction closely(, they will not actually (P2 and 4) construct it when all vals go into the neg.

B

R

C

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.60533

B = 1.01872

C = 1.22150

D = 1.36634

R = 1.16095

$$\frac{(A+B)\cdot\sqrt{B\cdot C\cdot D\cdot(A+B)}}{(A+B)^{\frac{3}{2}}\cdot(B\cdot C\cdot\sqrt{A\cdot B})^{\frac{1}{4}}}-R = 0.00000$$

B R C D A

Unit = 1.00000

A = 1.50394

B = 1.02597

C = 1.11287

D = 1.22633

R = 0.92225

$$\frac{B^{\frac{5}{8}}\cdot C\cdot(A+B)\cdot\sqrt{D\cdot(A+B)\cdot\sqrt{C\cdot\sqrt{A\cdot B\cdot(A+B)}}}}{D\cdot(A+B)^{\frac{7}{8}}\cdot(B\cdot C)^{\frac{3}{2}}}-R = 0.00000$$

R B C D A

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 1.37117

B = 0.95596

C = 1.13942

R = 1.02523

$$\frac{\sqrt{C\cdot\sqrt{A\cdot B}\cdot(A+B)}}{C\cdot\sqrt{B\cdot(A+B)}}-R = 0.00000$$

B R C A

P_4 P_3 P_2 P_1

Unit = 1.00000

A = 1.53050

B = 1.01389

C = 1.18288

R = 0.64866

$\frac{C\cdot((A^2\cdot B-A)+B)}{B\cdot(A^2+1)}$-R = 0.00000

Hide Line

R

B

C

A

P_1

P_1

P_1

Unit = 1.00000

A = 0.47315

B = 0.96803

R = 0.69913

$\frac{\sqrt{A \cdot B}}{B}$-R = 0.00000

A

R

B

P_2

P_4

P_3

P_1

Unit = 1.00000

A = 0.94872

B = 0.35969

C = 1.65844

R = 0.60694

$$\frac{\sqrt{C\cdot\sqrt{A\cdot B}\cdot\sqrt{(A+B)^2-A\cdot B}}}{\left(\sqrt{(A\cdot C)^2-\sqrt{A\cdot B}}+\sqrt{(B\cdot C)^2}\right.}-R = 0.00000$$

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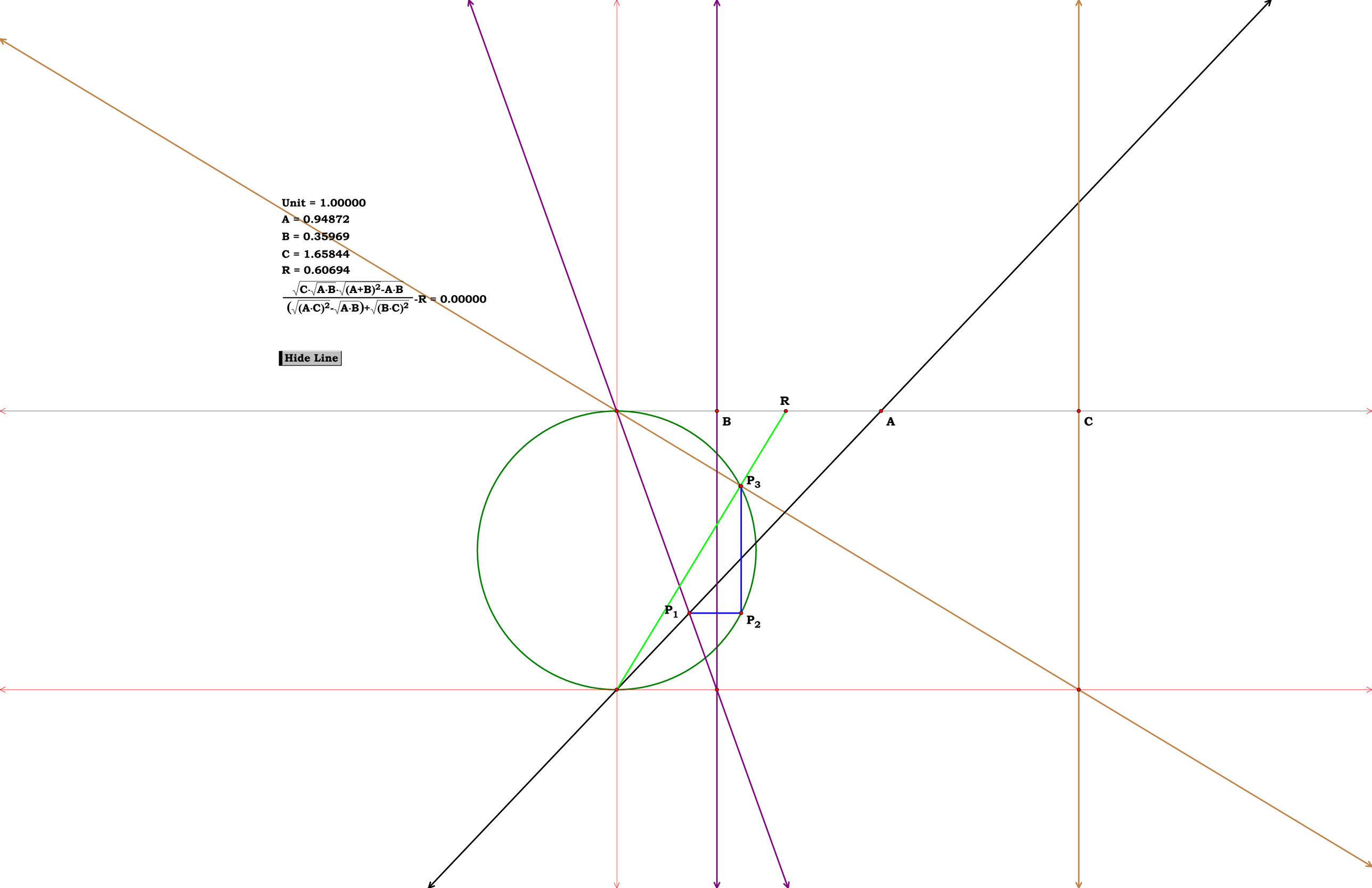


Unit = 1.00000

A = 2.35127

B = 0.88837

C = 0.69041

R = 1.16117

$\frac{B \cdot C \cdot (A^2+1)}{(A^2 \cdot B - A)+B} - R = 0.00000$

C

B

R

A

P_2

P_3

P_1

Unit = 1.00000

A = 0.91975

B = 0.65420

C = 1.31565

D = 1.11046

R = 1.77557

$$\frac{C \cdot D \cdot \sqrt{(A+B)^2}}{C \cdot \sqrt{(A+B)^2} - \sqrt{A \cdot B}} - R = 0.00000$$

B

A

D

C

R

P_1

P_2

P_3

P_4

Unit = 1.00000

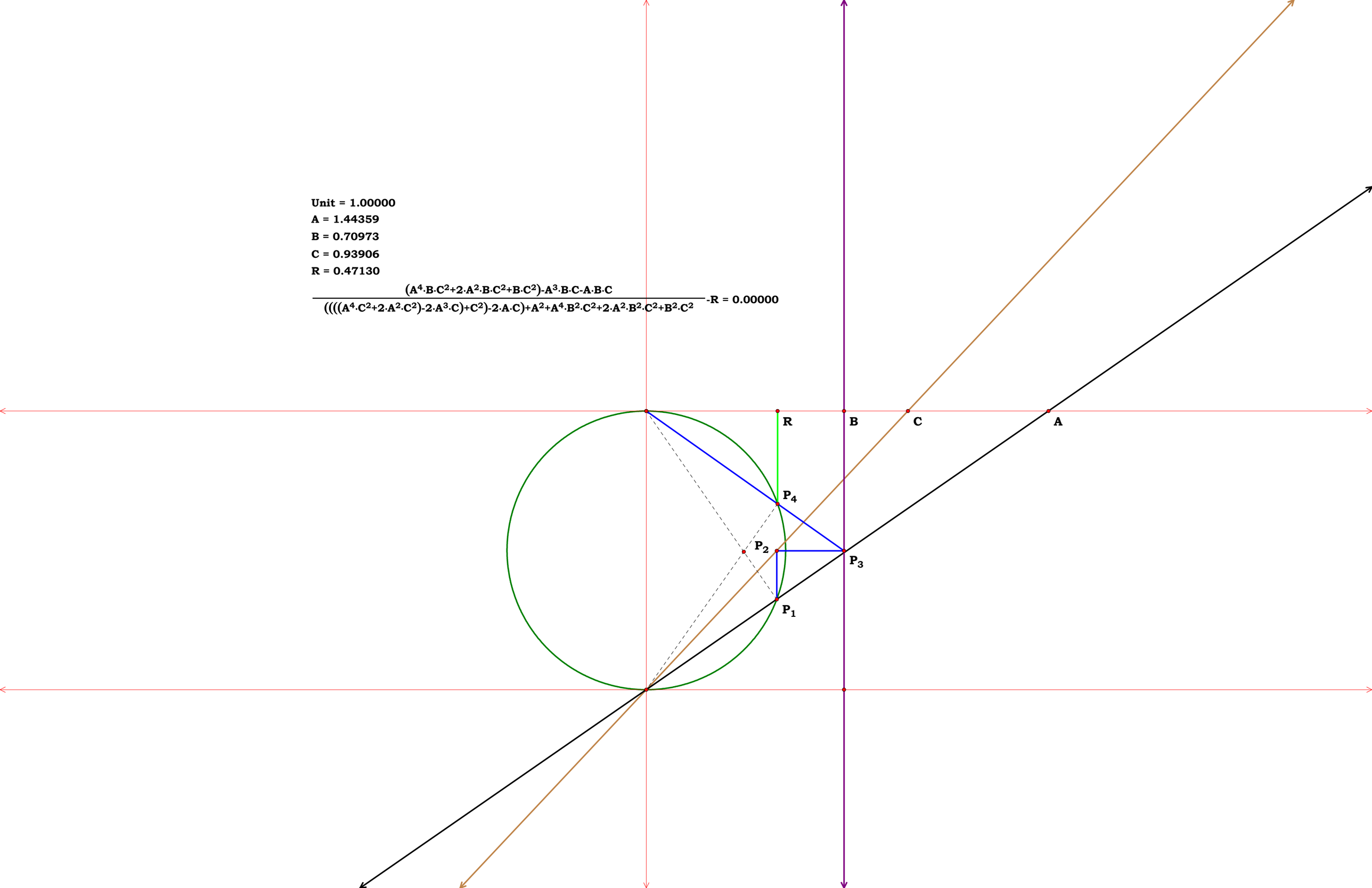
A = 1.44359

B = 0.70973

C = 0.93906

R = 0.47130

$$\frac{(A^4\cdot B\cdot C^2+2\cdot A^2\cdot B\cdot C^2+B\cdot C^2)-A^3\cdot B\cdot C-A\cdot B\cdot C}{((((A^4\cdot C^2+2\cdot A^2\cdot C^2)-2\cdot A^3\cdot C)+C^2)-2\cdot A\cdot C)+A^2+A^4\cdot B^2\cdot C^2+2\cdot A^2\cdot B^2\cdot C^2+B^2\cdot C^2}-R = 0.00000$$



Unit = 1.00000

A = 1.19495

B = 0.73628

C = 0.79180

D = 2.02779

R = 0.57396

$$\frac{2\cdot B\cdot C\cdot D\cdot\sqrt{A^2}}{A\cdot D\cdot\sqrt{A^2-4\cdot B^2\cdot C^2}+\sqrt{A^2}\cdot(A\cdot D+2\cdot B\cdot C)}-R = 0.00000$$

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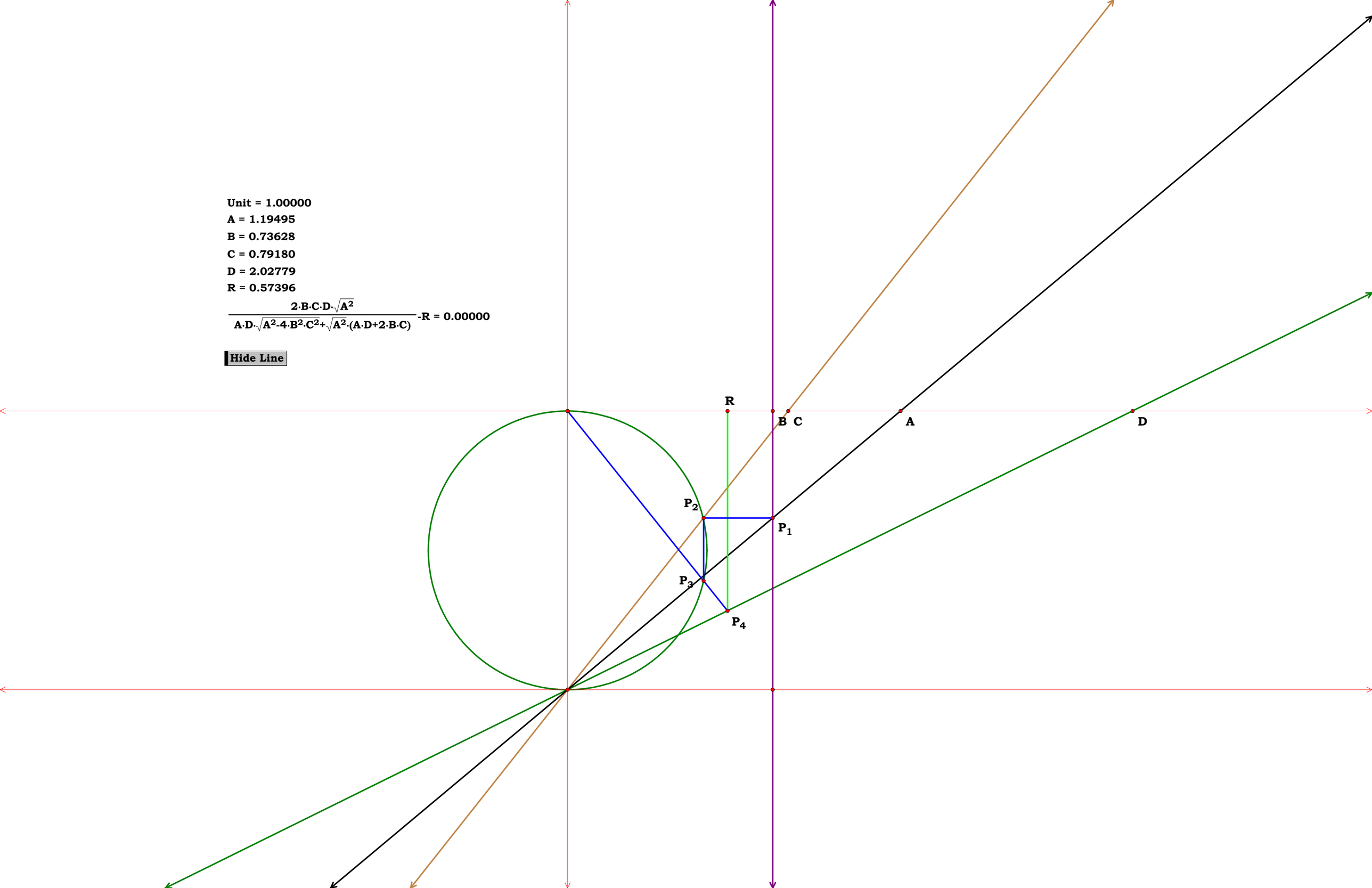

Unit = 1.00000

A = 1.41704

B = 0.83526

C = 0.62765

R = 0.29864

$\frac{(A^2 \cdot C + C) - A}{A^2 \cdot B \cdot C + B \cdot C} - R = 0.00000$

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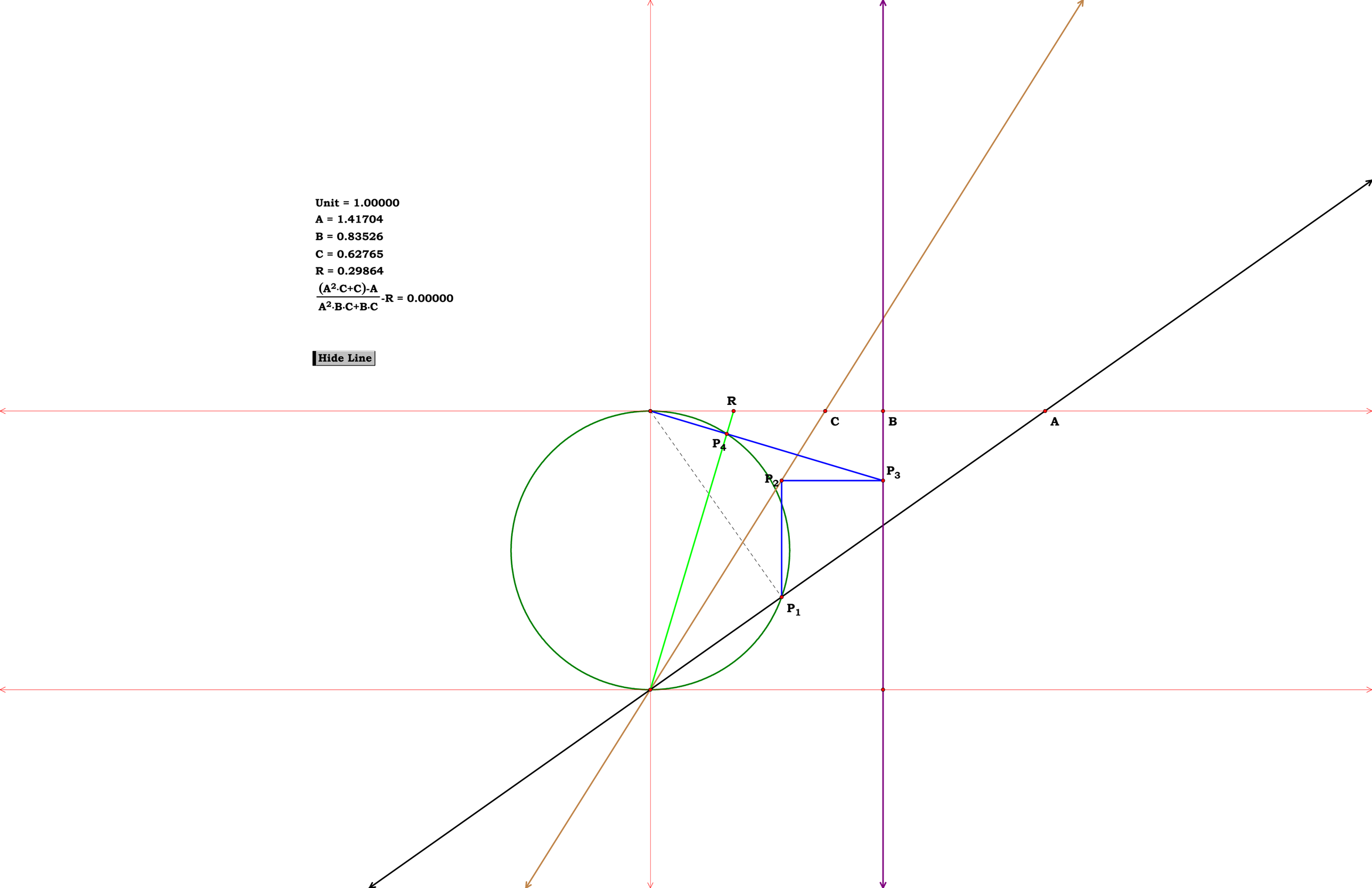

Unit = 1.00000

A = 1.42428

B = 0.66145

C = 0.94147

R = 0.58881

$$\frac{2 \cdot A \cdot B \cdot C}{\left(\sqrt{A^2 - 4 \cdot B^2 \cdot C^2} + \sqrt{A^2}\right) \cdot \sqrt{A^2}} - R = 0.00000$$

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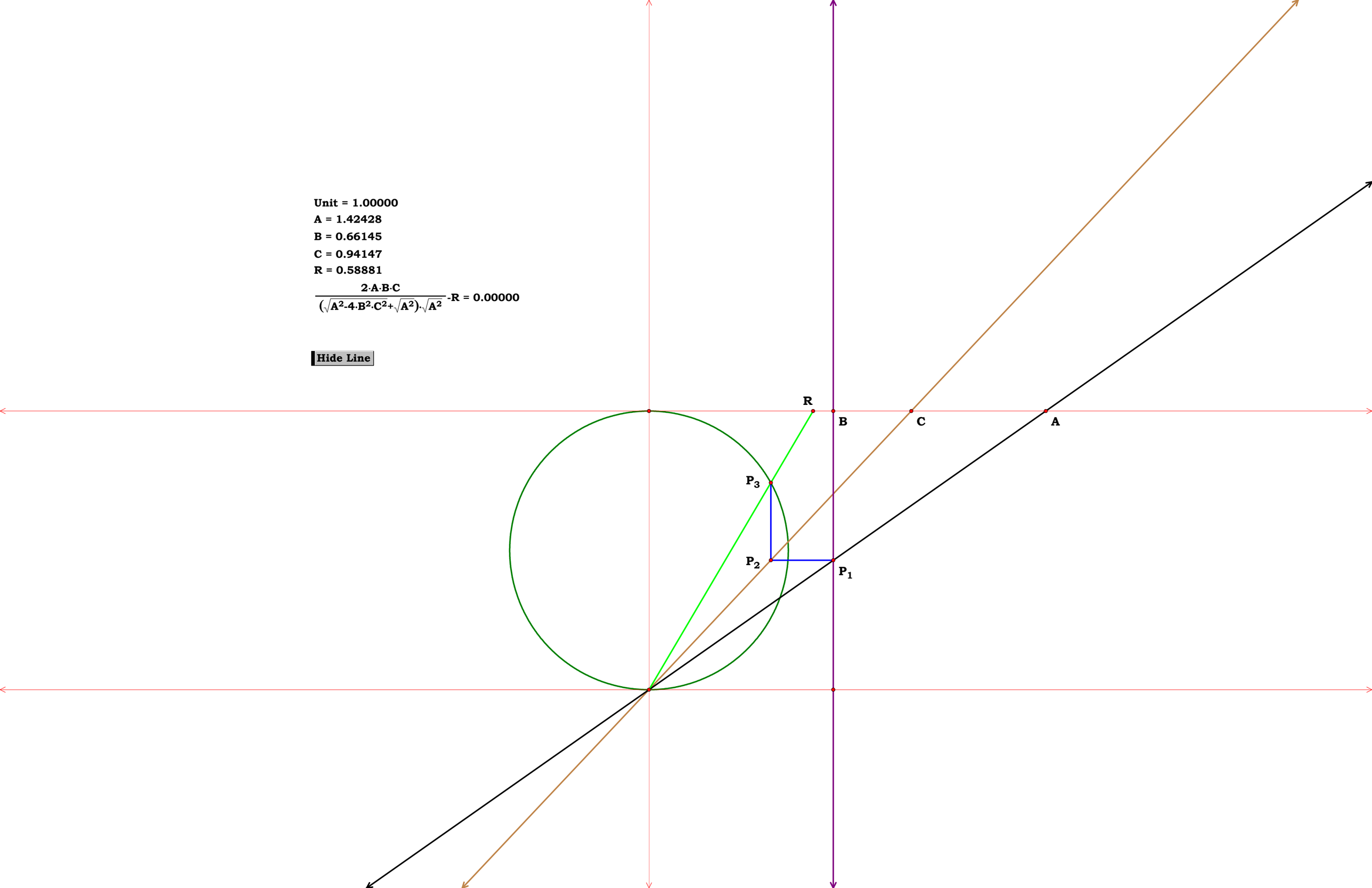


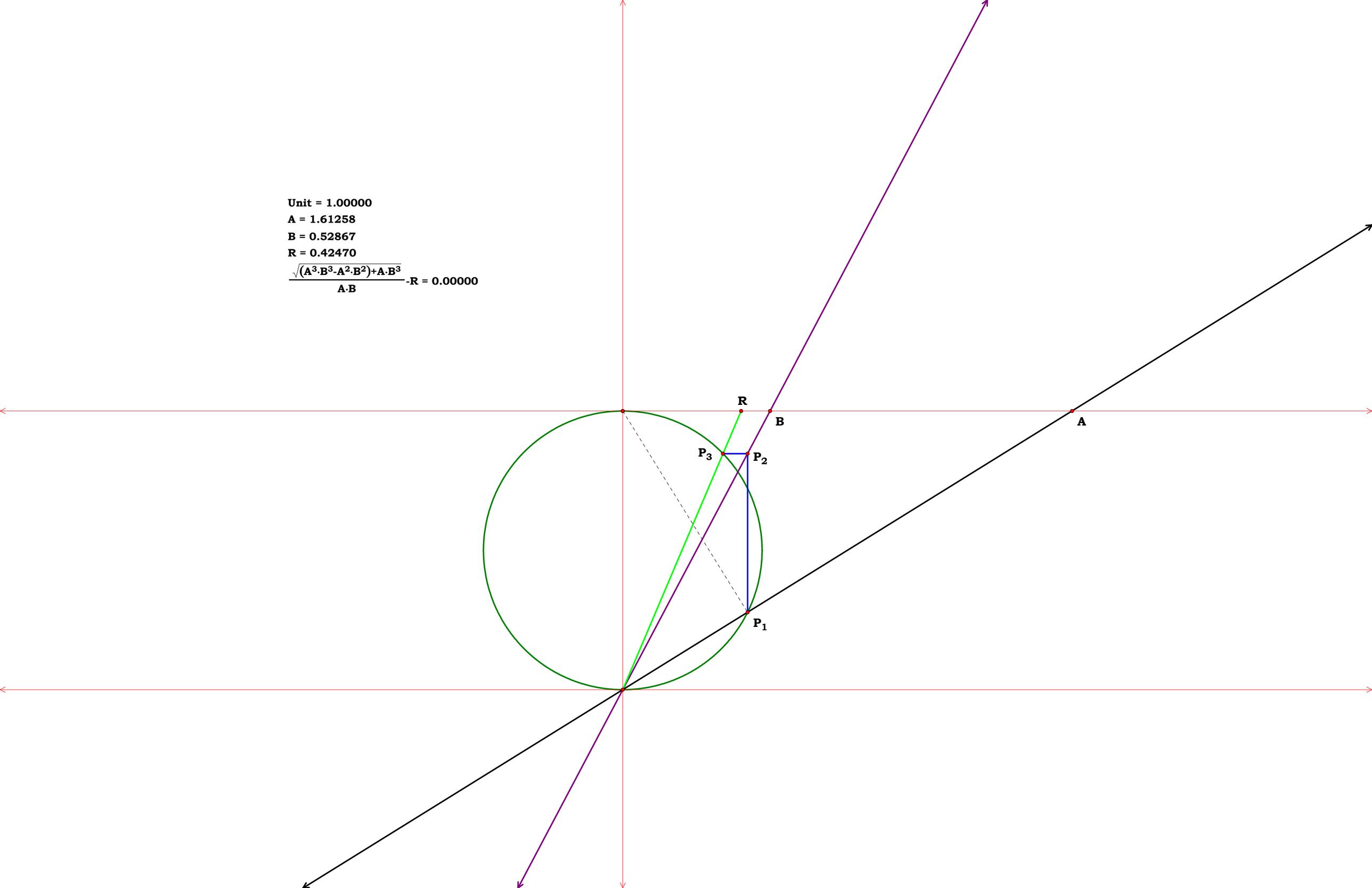
Unit = 1.00000

A = 1.61258

B = 0.52867

R = 0.42470

$$\frac{\sqrt{(A^3 \cdot B^3 - A^2 \cdot B^2) + A \cdot B^3}}{A \cdot B} - R = 0.00000$$



Unit = 1.00000

A = 1.36634

B = 0.72904

C = 0.56006

D = 1.17805

R = 1.06128

$$\frac{D\cdot\left(\sqrt{A^2-4\cdot B^2\cdot C^2}+\sqrt{A^2}\right)}{2\cdot\sqrt{A^2}}-R = 0.00000$$

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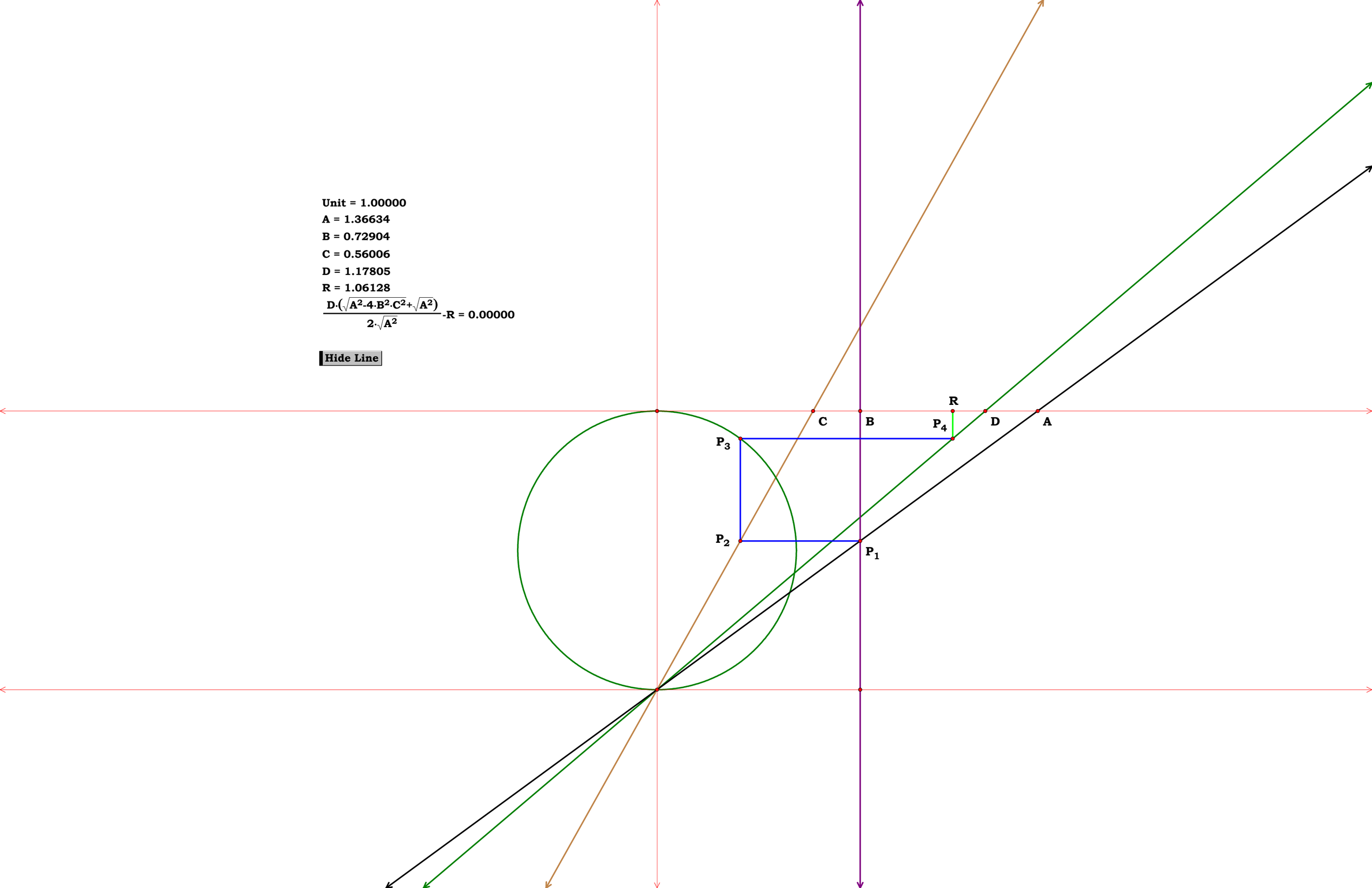

Unit = 1.00000

A = 1.30841

B = 0.61317

C = 0.77973

D = 0.92458

R = 1.09900

$$\frac{2 \cdot D \cdot \sqrt{A^2}}{\sqrt{A^2 - 4 \cdot B^2 \cdot C^2 + \sqrt{A^2}}} - R = 0.00000$$

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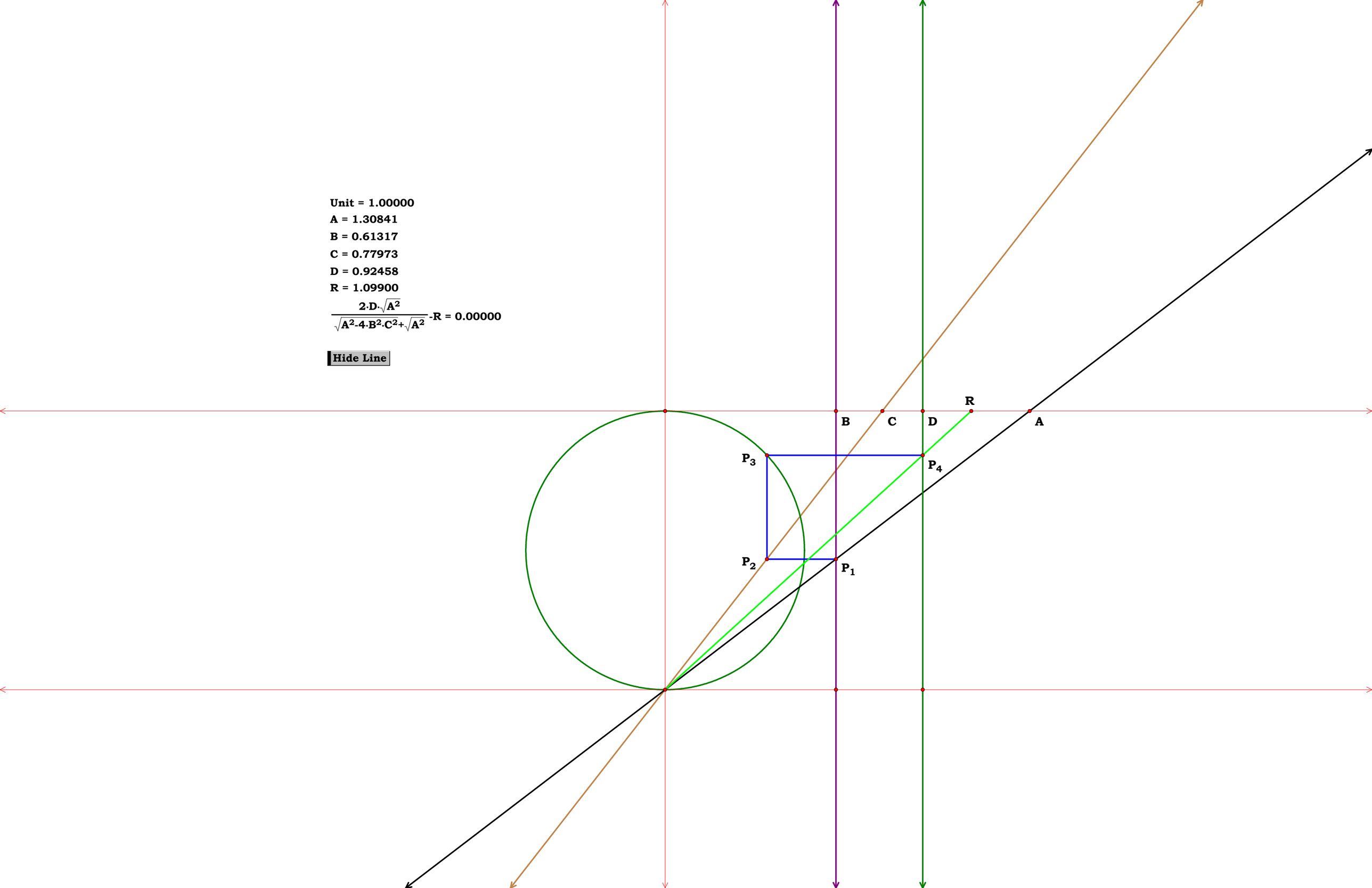

Unit = 1.00000

A = 1.42911

B = 0.64213

C = 0.77732

R = 1.06260

$\frac{A^2 \cdot B \cdot C + B \cdot C}{A} - R = 0.00000$

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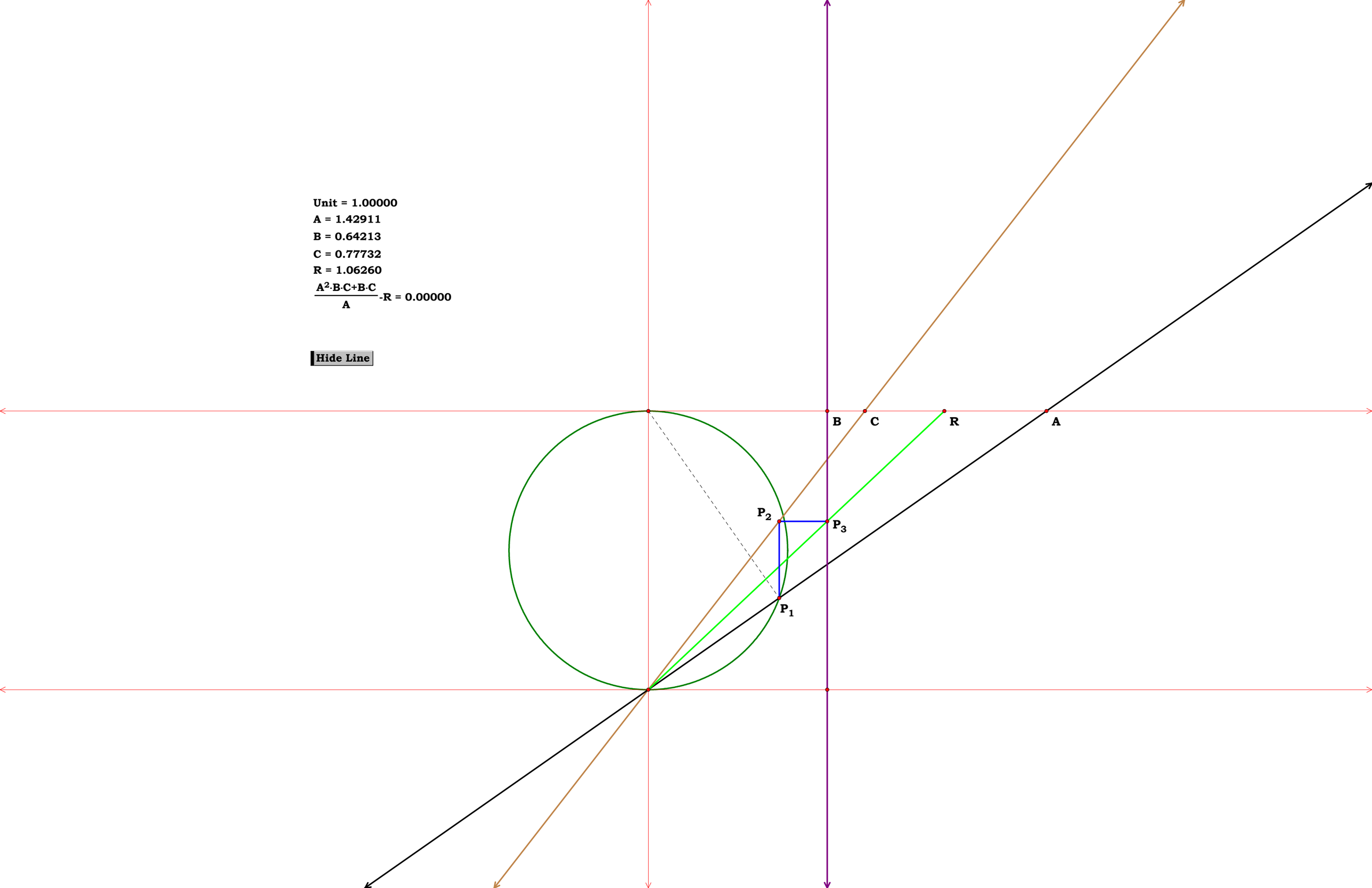

Unit = 1.00000
A = 2.07366
B = 0.80387
C = 0.63248
D = 1.23357
E = 0.93182
F = 1.12494
x_I = 1.49648

$$\frac{B\cdot F\cdot(A^2+1)\cdot\left(\sqrt{D^2-4\cdot C^2\cdot E^2}+\sqrt{D^2}\right)}{2\cdot A\cdot\sqrt{D^2}}-x_I = 0.00000$$

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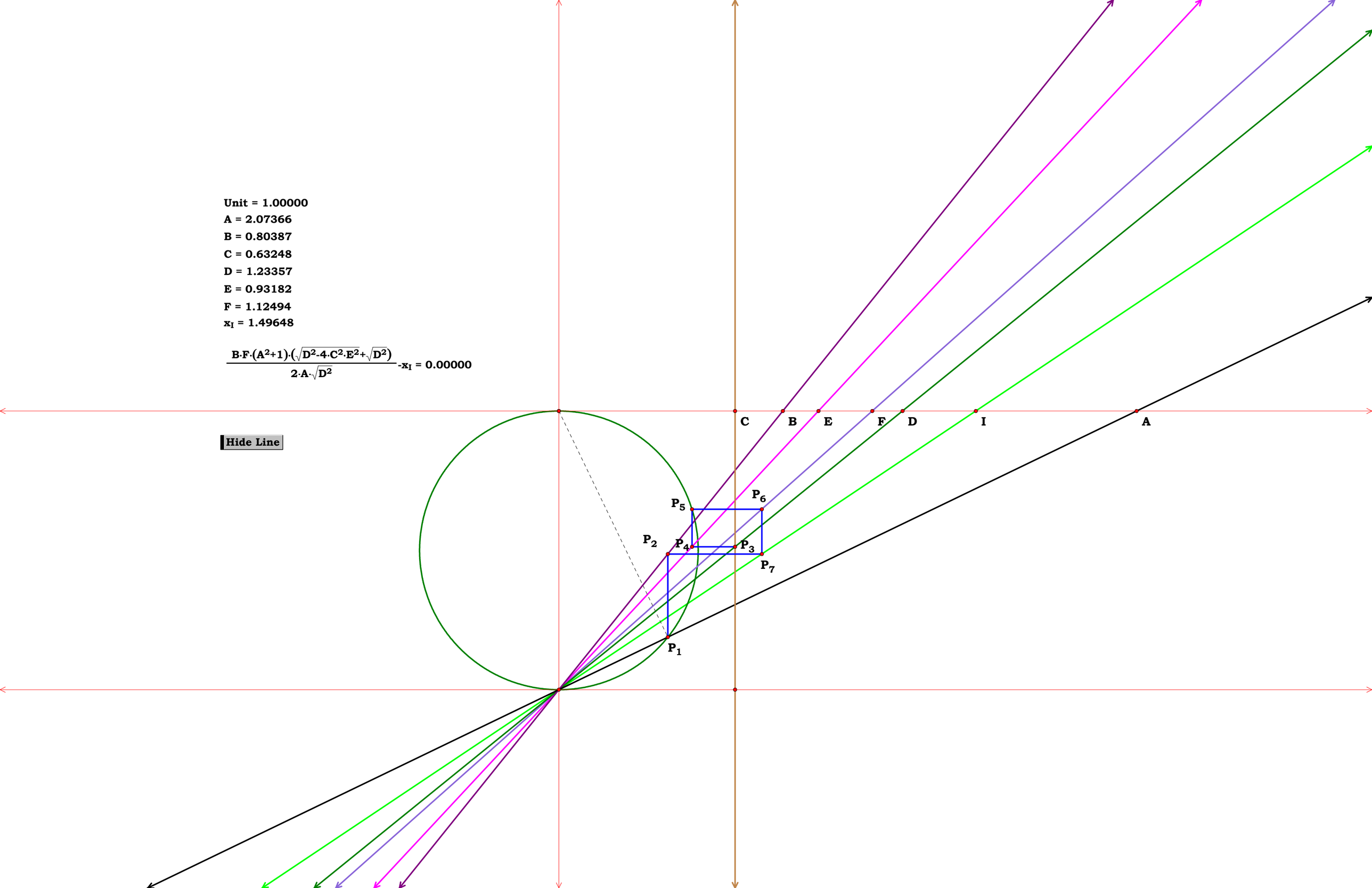


Unit = 1.00000

A = 0.95837

B = 0.70731

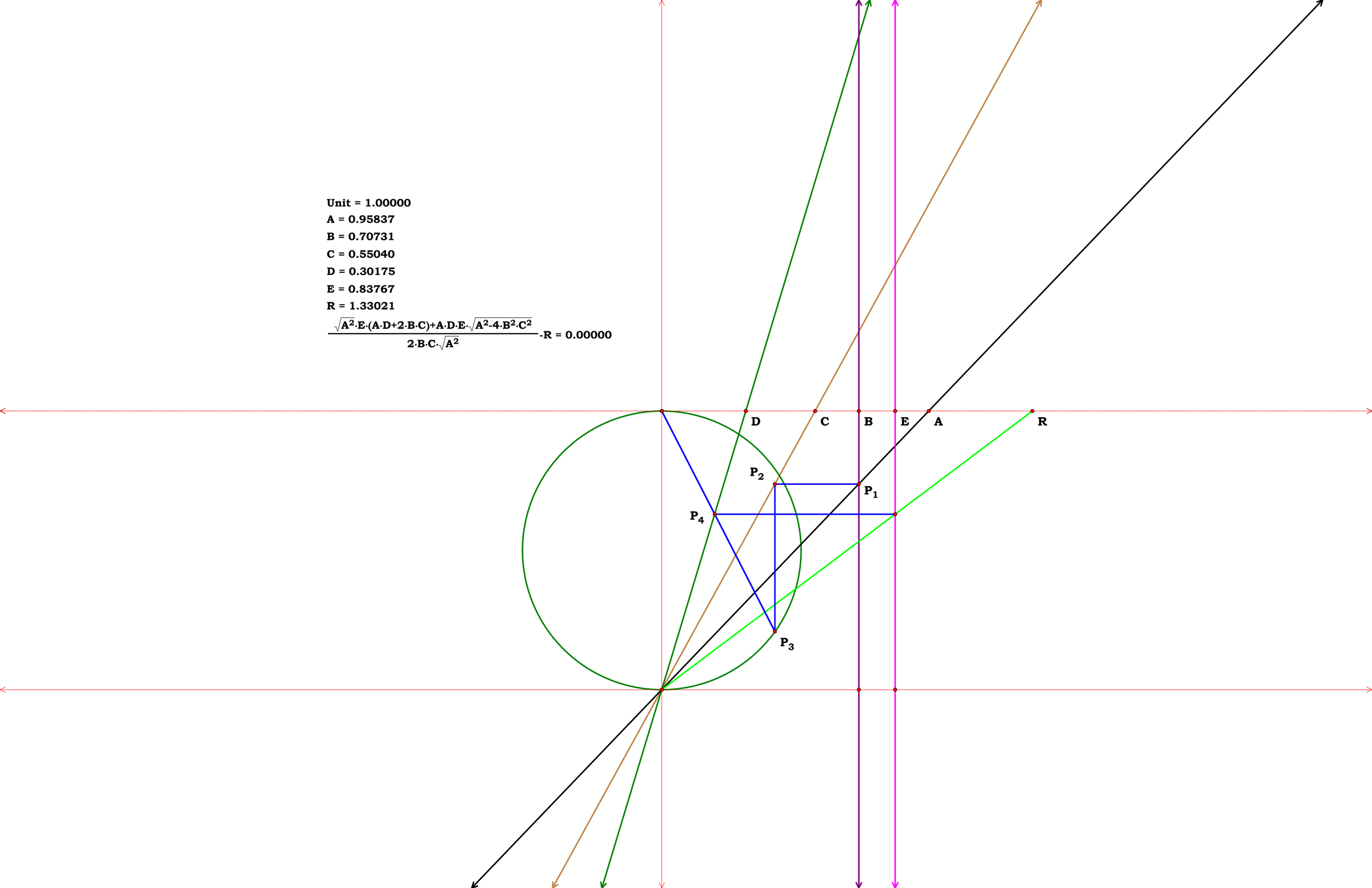
C = 0.55040

D = 0.30175

E = 0.83767

R = 1.33021

$$\frac{\sqrt{A^2}\cdot E\cdot(A\cdot D+2\cdot B\cdot C)+A\cdot D\cdot E\cdot\sqrt{A^2-4\cdot B^2\cdot C^2}}{2\cdot B\cdot C\cdot\sqrt{A^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.55222

B = 0.56247

C = 0.75077

R = 0.92753

$\frac{B \cdot C \cdot (A^2+1)}{A}$ -R = 0.00000

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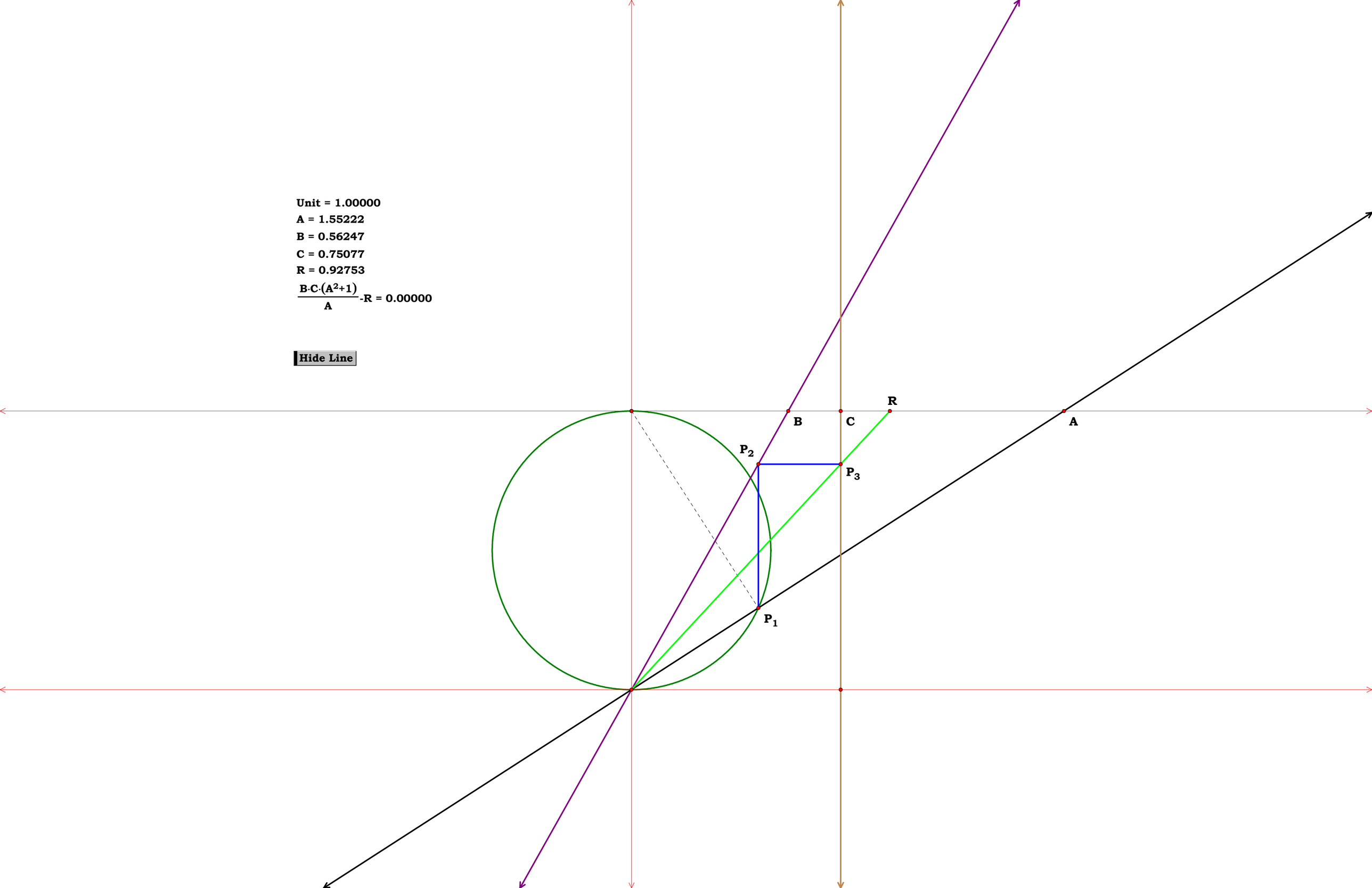

Unit = 1.00000

A = 1.44842

B = 0.67834

C = 0.99941

R = 0.46736

$$\frac{A^3 \cdot B \cdot C + A \cdot B \cdot C}{A^2 + B^2 \cdot C^2 + A^4 \cdot B^2 \cdot C^2 + 2 \cdot A^2 \cdot B^2 \cdot C^2} - R = 0.00000$$

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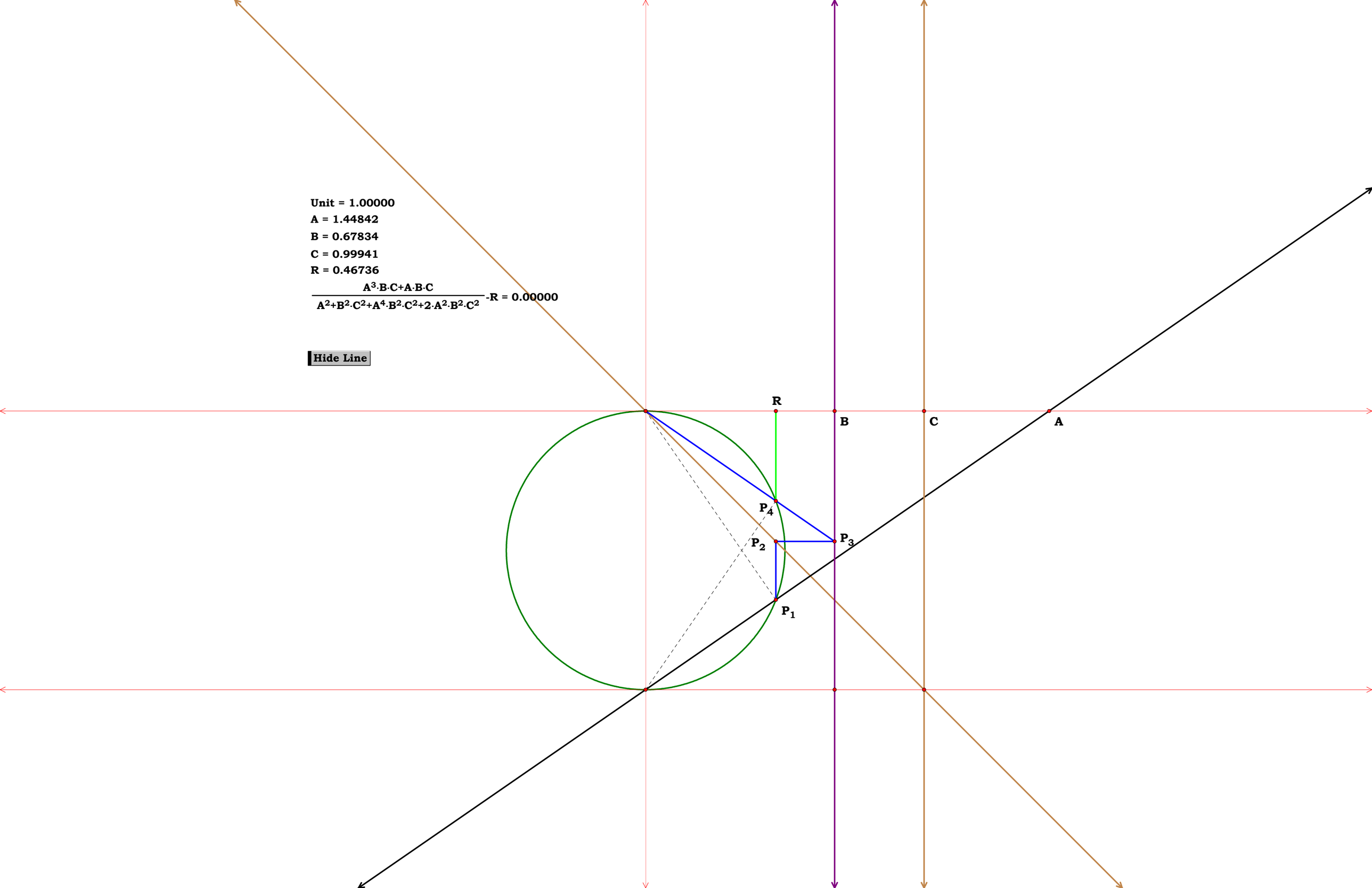


Unit = 1.00000

A = 1.61982

B = 0.81353

C = 1.02597

R = 0.53554

$$\frac{A}{A^2 \cdot B \cdot C + B \cdot C} - R = 0.00000$$

Hide Line

R

B

C

A

Unit = 1.00000

A = 1.73328

B = 1.57395

C = 0.91009

D = 1.05735

R = 1.24795

$$\frac{A^2 \cdot B \cdot C + A \cdot D + B \cdot C}{B \cdot C \cdot D \cdot (A^2+1)} - R = 0.00000$$

P_5 R C D B A P_4 P_3 P_2 P_6 P_1

Unit = 1.00000

A = 0.48039

B = 0.95596

C = 0.66145

D = 1.67293

R = 0.82302

$$\frac{B\cdot C\cdot D\cdot(A^2+1)}{B\cdot C\cdot(A^2+1)+A\cdot D}-R = 0.00000$$

A

C

R

B

D

P_1

P_2

P_3

P_4

Unit = 1.00000
A = 1.75983
B = 0.65179
C = 1.25288
R = 0.99183
$\frac{A^2 \cdot B \cdot C + B \cdot C}{(A^2 \cdot C + C) - A} - R = 0.00000$

B
R
C
A
P_2
P_3
P_1

Unit = 1.00000

A = 1.19495

B = 0.65903

C = 1.05493

x_I = 1.41258

$\frac{A^2 \cdot B \cdot C + B \cdot C}{A} - x_I$ = 0.00000

Hide Line

B

C

A

I

P_2

P_3

P_1

Unit = 1.00000

A = 1.56188

B = 0.84974

C = 0.98010

R = 0.37328

$$\frac{2\cdot B\cdot C\cdot\sqrt{(A+C)^2}}{(A+C)\cdot\left(\sqrt{A+C^2}+\sqrt{((A+C)-2\cdot B\cdot C)\cdot(A+C+2\cdot B\cdot C)}\right)}-R = 0.00000$$

R

B

C

A

P_1

P_1

P_1

Unit = 1.00000

A = 1.61258

B = 0.94389

C = 0.56730

D = 0.71455

E = 1.29634

R = 1.00652

$$\frac{\left(D\cdot E\cdot\sqrt{\left(\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}\cdot D\cdot E\cdot(A+B)-B\cdot C\cdot\sqrt{D^2\cdot(A+B)^2}\right)\cdot(D\cdot(A+B)-B\cdot C)}\cdot(A+B)\cdot(D\cdot(A+B)-B\cdot C)\right)}{\left(\sqrt{E^2\cdot\sqrt{(D\cdot(A+B)-B\cdot C)^2}\cdot\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}}\cdot\sqrt{D^2\cdot\sqrt{D^2\cdot(A+B)^2\cdot(A+B)^2}}\right)} - R = 0.00000$$

P_5 R

C D B E A

P_3 P_4

P_6

P_7

P_2

P_1

$$D\cdot E\cdot\sqrt{\left(\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}\cdot D\cdot E\cdot(A+B)-B\cdot C\cdot\sqrt{D^2\cdot(A+B)^2}\right)\cdot(D\cdot(A+B)-B\cdot C)}\cdot(A+B)\cdot(D\cdot(A+B)-B\cdot C) = 3.45893$$

$$\sqrt{E^2\cdot\sqrt{(D\cdot(A+B)-B\cdot C)^2}\cdot\sqrt{B\cdot C\cdot(D\cdot(A+B)-B\cdot C)}}\cdot\sqrt{D^2\cdot\sqrt{D^2\cdot(A+B)^2\cdot(A+B)^2}} = 3.43653$$

Unit = 1.00000

A = 1.71638

B = 1.17805

C = 0.96079

D = 0.68800

R = 0.53485

$$\frac{D\cdot\sqrt{B^2}\cdot\left(\sqrt{A\cdot B}+B\cdot C\right)\cdot\sqrt{B\cdot\left(\left(C^2\cdot D\cdot\sqrt{A\cdot B}-A\cdot C^2\right)+A\cdot C\cdot D\right)}}{C\cdot\sqrt{(B\cdot D)^2}\cdot\sqrt{A\cdot B}\cdot\sqrt{\left(\sqrt{A\cdot B}+B\cdot C\right)^2}}-R = 0.00000$$

Hide Line

R

D

C

B

A

P_5

P_4

P_3

P_3

P_1

Unit = 1.00000

A = 1.56188

B = 1.41704

C = 1.20943

D = 1.86605

R = 0.66763

$$\frac{D\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}{\sqrt{(D\cdot(A+B))^2\cdot((A\cdot D-B\cdot C)+B\cdot D)}}-R = 0.00000$$

R

C

B

A

D

P_4

P_3

P_2

P_1

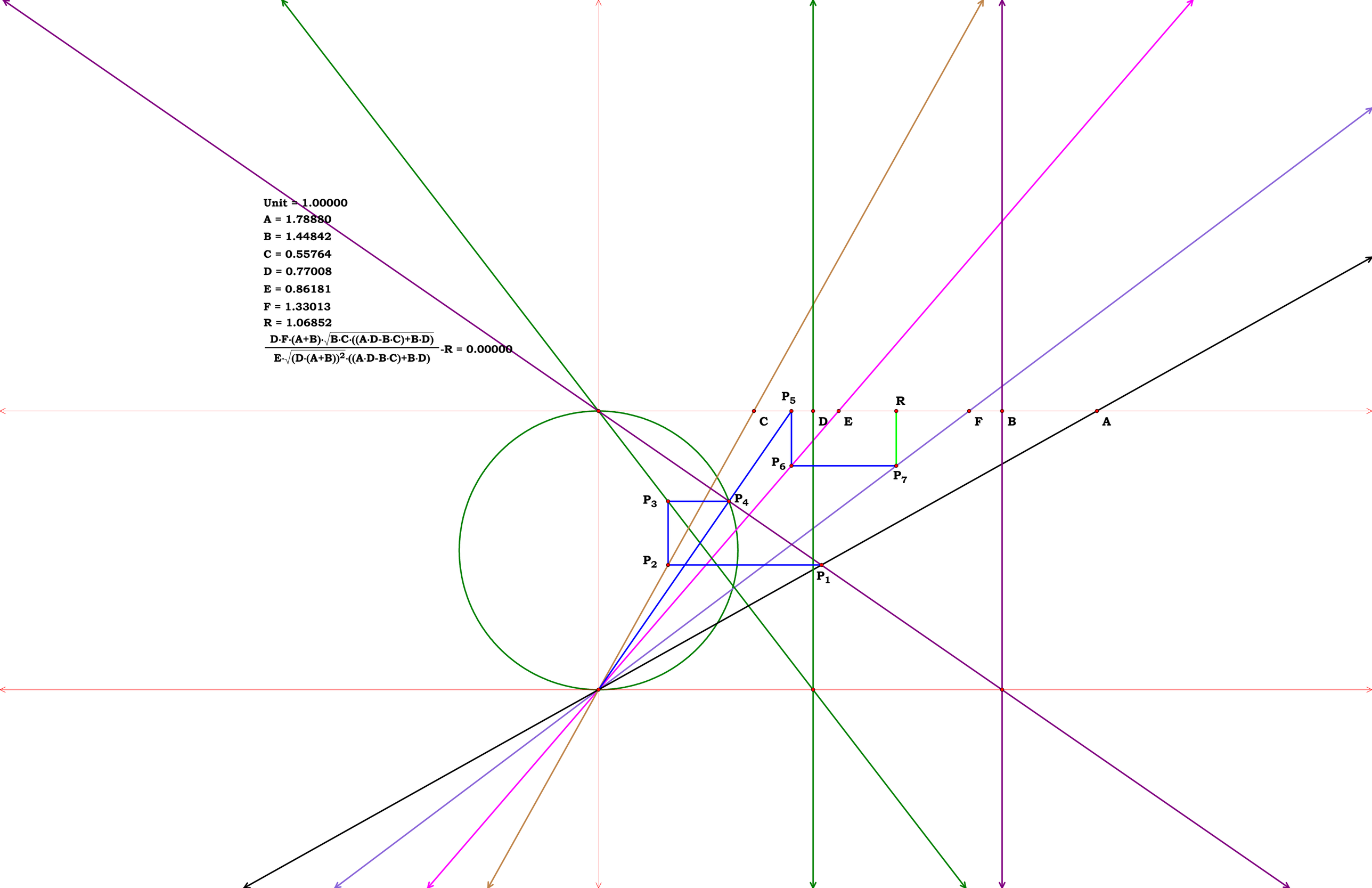
Unit = 1.00000
A = 1.67775
B = 1.12977
C = 0.60592
D = 0.89802
E = 1.05252
R = 0.48287

$$\frac{D\cdot E\cdot(A+B)\cdot((A\cdot D-B\cdot C)+B\cdot D)}{D^2\cdot(A+B)^2+(B\cdot C\cdot E)^2+D\cdot E^2\cdot(A+B)\cdot((A\cdot D-2\cdot B\cdot C)+B\cdot D)}-R = 0.00000$$

R
P_5
C
D
E
B
A
P_3
P_4
P_6
P_2
P_1

Unit = 1.00000
A = 1.78880
B = 1.44842
C = 0.55764
D = 0.77008
E = 0.86181
F = 1.33013
R = 1.06852

$$\frac{D\cdot F\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}{E\cdot\sqrt{(D\cdot(A+B))^2}\cdot((A\cdot D-B\cdot C)+B\cdot D)}-R = 0.00000$$



Unit = 1.00000

A = 1.67534

B = 1.26013

C = 1.03562

D = 0.82077

R = 0.59820

$$\frac{D\cdot\left(\sqrt{(A+B)^2}+\sqrt{(A+B+2\cdot B\cdot C)\cdot((A+B)-2\cdot B\cdot C)}\right)}{2\cdot\sqrt{(A+B)^2}}-R = 0.00000$$

R

D

C

B

A

P_3

P_4

P_2

P_1

Unit = 1.00000

A = 1.60292

B = 1.19978

C = 0.94147

D = 0.59385

R = 0.74612

$$\frac{2\cdot D\cdot\sqrt{(A+B)^2}}{\sqrt{(A+B)^2}+\sqrt{(A+B+2\cdot B\cdot C)\cdot((A+B)-2\cdot B\cdot C)}}-R = 0.00000$$

R

D

C

B

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.92640

B = 1.18771

C = 0.44418

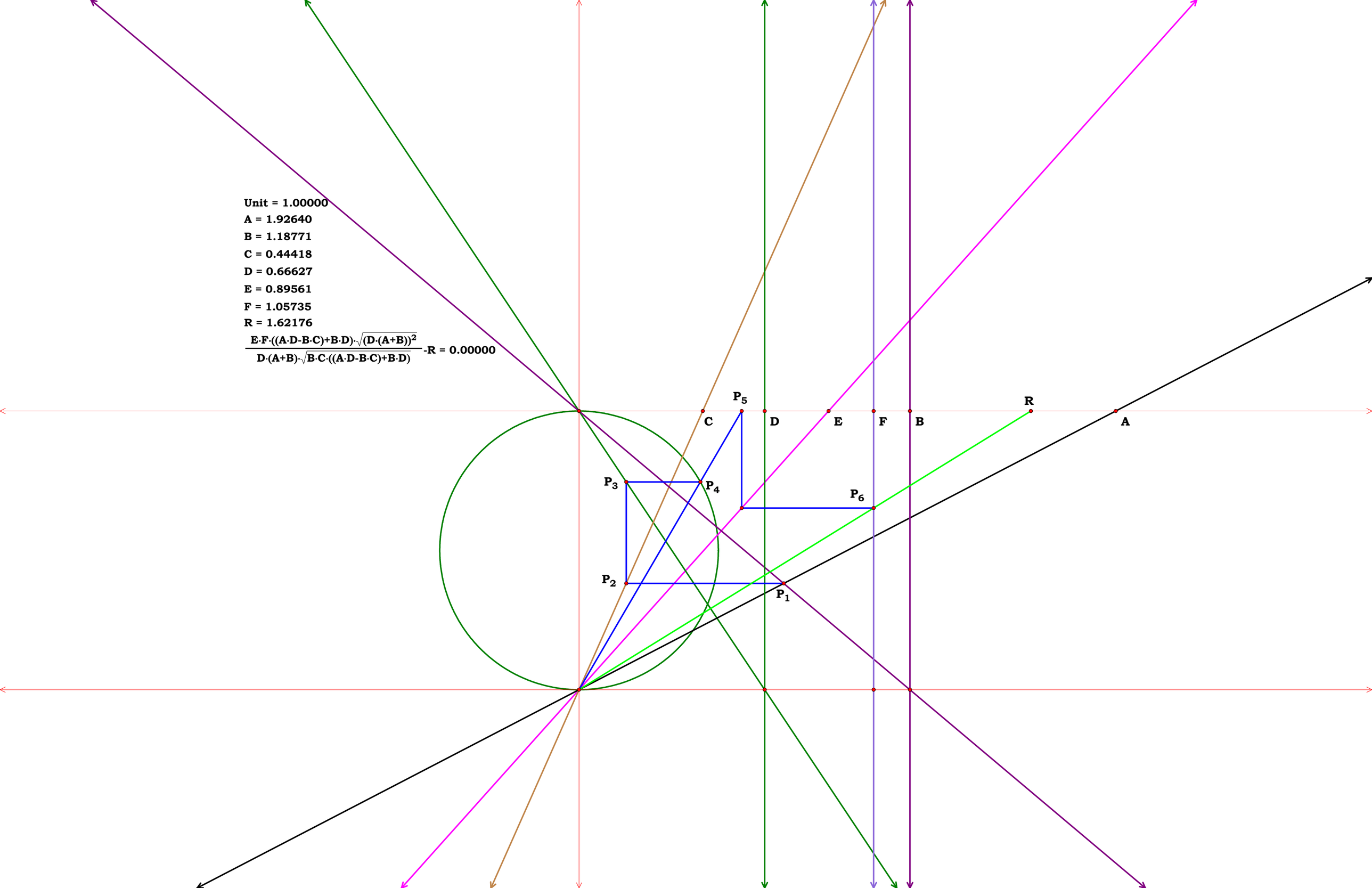
D = 0.66627

E = 0.89561

F = 1.05735

R = 1.62176

$$\frac{E\cdot F\cdot((A\cdot D-B\cdot C)+B\cdot D)\cdot\sqrt{(D\cdot(A+B))^2}}{D\cdot(A+B)\cdot\sqrt{B\cdot C\cdot((A\cdot D-B\cdot C)+B\cdot D)}}-R = 0.00000$$



Unit = 1.00000

A = 1.67534

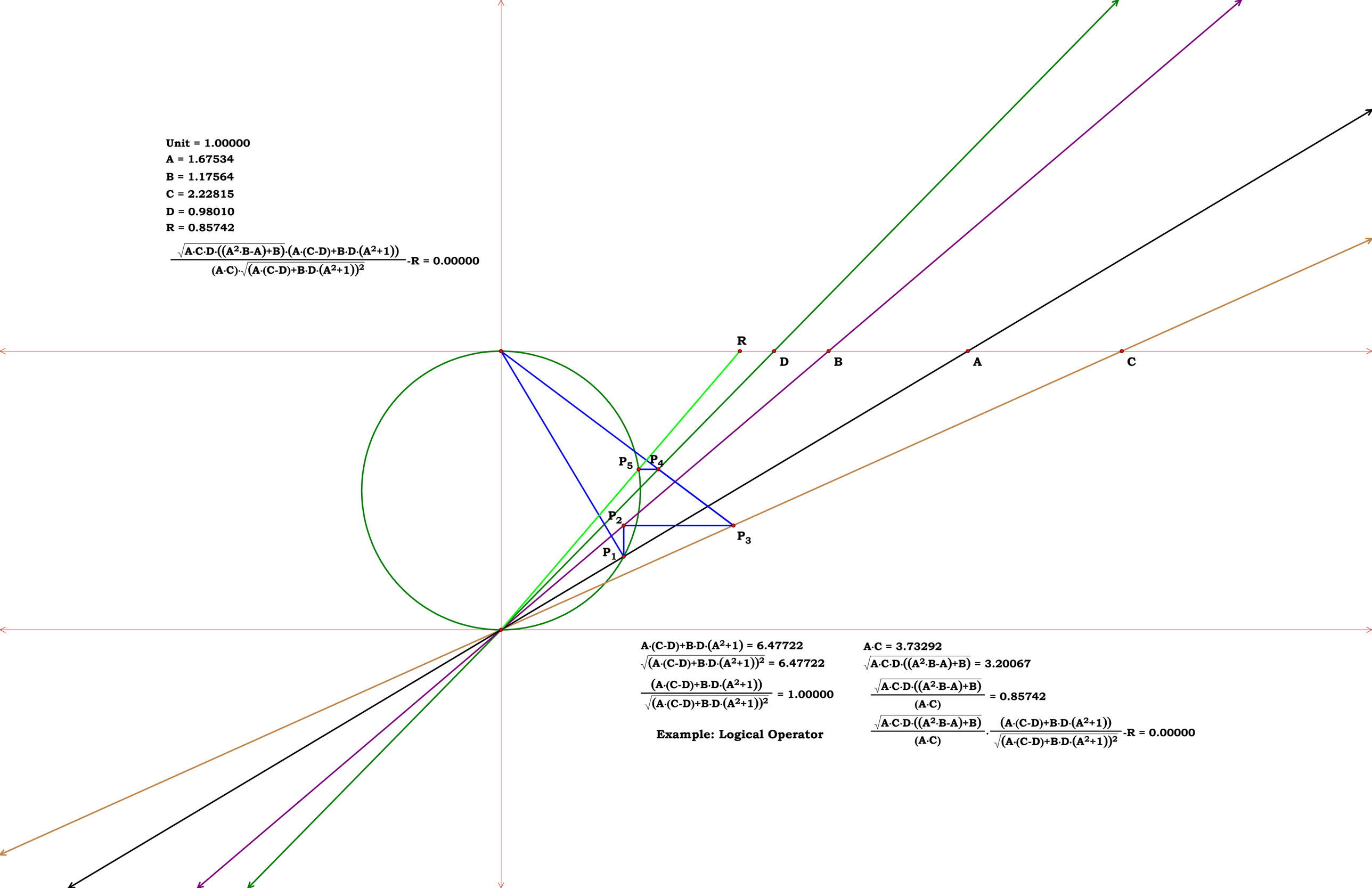
B = 1.17564

C = 2.22815

D = 0.98010

R = 0.85742

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}\cdot\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{(A\cdot C)\cdot\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}}-R = 0.00000$$



$A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right) = 6.47722$

$\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2} = 6.47722$

$$\frac{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}} = 1.00000$$

Example: Logical Operator

$A\cdot C = 3.73292$

$\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)} = 3.20067$

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}}{(A\cdot C)} = 0.85742$$

$$\frac{\sqrt{A\cdot C\cdot D\cdot\left(\left(A^2\cdot B-A\right)+B\right)}}{(A\cdot C)}\cdot\frac{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)}{\sqrt{\left(A\cdot(C-D)+B\cdot D\cdot\left(A^2+1\right)\right)^2}}-R = 0.00000$$

Unit = 1.00000
A = 1.47015
B = 1.16357
C = 1.75742
D = 0.72904
E = 1.96744
R = 0.58204

$$\frac{A \cdot C \cdot D \cdot E}{D \cdot E \cdot ((A^2 \cdot B - A) + B) - A \cdot C \cdot (D - E)} - R = 0.00000$$

R
D
B
A
C
E
P_4
P_4
P_2
P_3
P_1

Unit = 1.00000

A = 1.42428

B = 0.83526

C = 0.58661

R = 0.45526

$\frac{(A^2 \cdot B \cdot C + B \cdot C) - A \cdot C}{A} - R = 0.00000$

R

C

B

A

P_3

P_3

P_1

Unit = 1.00000

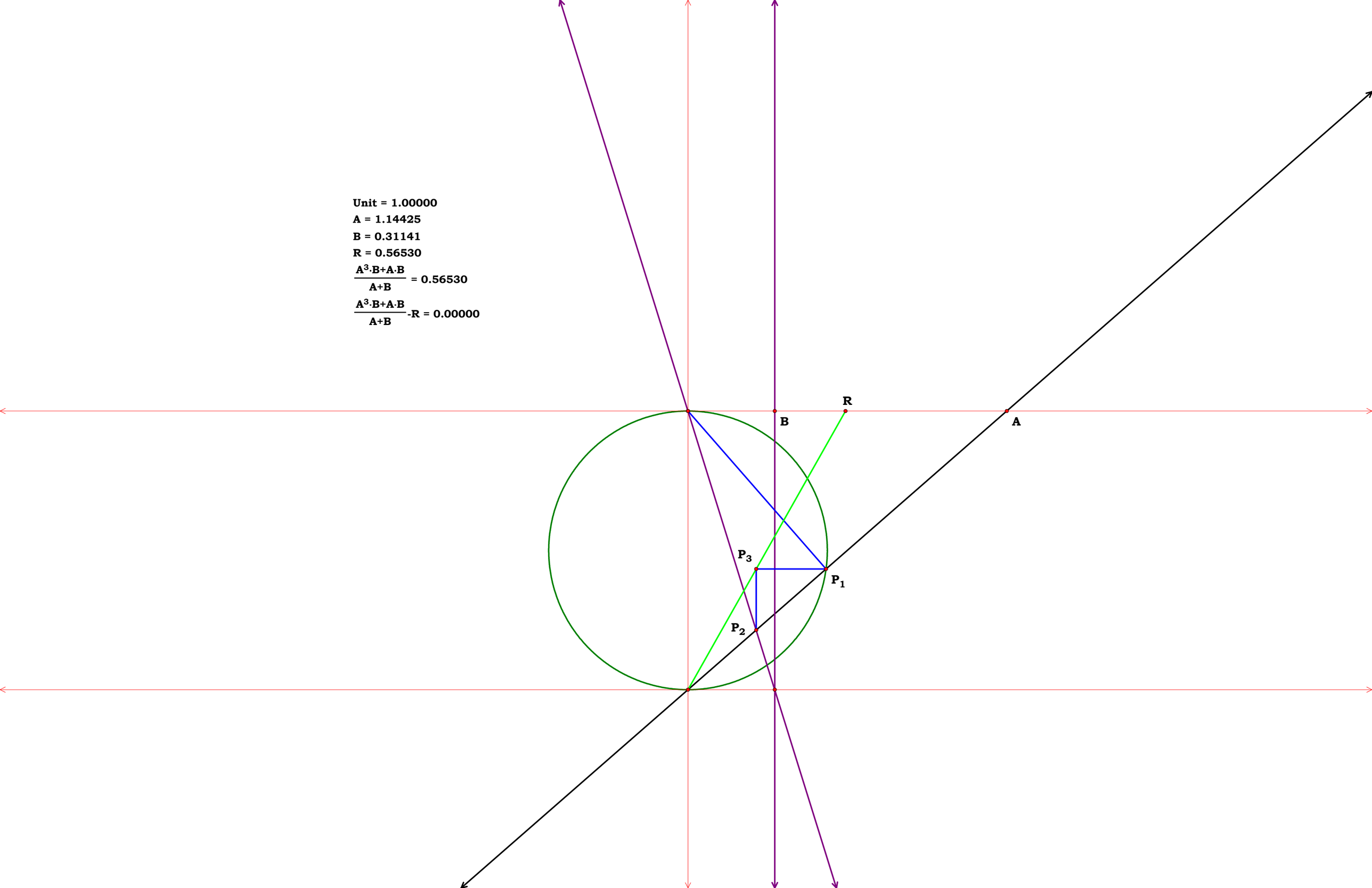
A = 1.14425

B = 0.31141

R = 0.56530

$\frac{A^3 \cdot B + A \cdot B}{A+B}$ = 0.56530

$\frac{A^3 \cdot B + A \cdot B}{A+B}$ -R = 0.00000



Unit = 1.00000

A = 1.38083

B = 0.95837

C = 0.49488

R = 0.72543

$\frac{(A^2 \cdot B \cdot C + B \cdot C) - A \cdot C}{B} - R = 0.00000$

C

R

B

A

P_3

P_2

P_4

P_1

Unit = 1.00000

A = 1.45808

B = 0.89078

C = 1.07907

R = 1.20126

$\frac{A^3 \cdot C}{A^2 \cdot B + B} - R = 0.00000$

B

C

R

A

P_3

P_4

P_2

P_1

Unit = 1.00000

A = 1.42911

B = 0.82801

C = 0.95113

D = 0.37659

R = 0.48837

$\frac{B \cdot D \cdot (A^2+1)}{A^2 \cdot C}$ -R = 0.00000

R

D

B

C

A

P_4

P_3

P_2

P_1

Unit = 1.00000

A = 1.21185

B = 0.73628

C = 1.40014

D = 1.06700

R = 0.94927

$$\frac{B^2 \cdot C}{(A^2 \cdot D^2 - 2 \cdot A \cdot B \cdot D^2) + B^2 \cdot D^2 + B^2} - R = 0.00000$$

R

B

D

A

C

P_3

P_1

P_2

P_4

Unit = 1.00000

A = 1.94088

B = 0.94872

C = 1.19736

D = 1.38324

E = 1.56671

R = 0.82086

$$\frac{B^2 \cdot D \cdot E}{C^2 \cdot E \cdot (A-B)^2 - B^2 \cdot (D-E)} - R = 0.00000$$

R

B

C

D

E

A

P_5

P_2

P_1

P_3

P_4

Unit = 1.00000

A = 1.60051

B = 1.05011

C = 1.87088

D = 0.42246

E = 0.86181

R = 0.57720

$$\frac{E\cdot\sqrt{B^2\cdot D}\cdot\sqrt{C^2\cdot E\cdot(A-B)^2-B^2\cdot(D-E)}}{\sqrt{E^2}\cdot\left(C^2\cdot E\cdot(A-B)^2-B^2\cdot(D-E)\right)}-R = 0.00000$$

R

D

E

B

A

C

P_5

P_6

P_2

P_1

P_4

P_3

Unit = 1.00000

A = 1.69224

B = 0.55764

C = 1.24806

D = 1.14184

R = 0.82236

$$\frac{A^2 \cdot B \cdot C + B \cdot C}{A^2 \cdot D} - R = 0.00000$$

R

B

D

C

A

P_4

P_3

P_1

P_2

Unit = 1.00000

A = 1.59326

B = 0.93665

C = 1.80328

D = 0.70490

E = 1.19495

F = 1.07907

R = 1.39605

$$\frac{E\cdot F\cdot\left(A\cdot C^2\cdot(A-2\cdot B)+B^2\cdot\left(C^2+1\right)\right)}{E\cdot\left(A\cdot C^2\cdot(A-2\cdot B)+B^2\cdot\left(C^2+1\right)\right)-B^2\cdot D}-R = 0.00000$$

D B F E R A C

P_1 P_2 P_3 P_4 P_5 P_6

Unit = 1.00000

A = 2.16056

B = 1.42187

C = 1.07183

D = 0.97286

E = 0.60351

R = 0.74842

$$\frac{B\cdot D\cdot E\cdot(A^2+1)}{C\cdot((A^2\cdot B-A)+B)}-R = 0.00000$$

R

E

D

C

B

A

P_5

P_4

P_2

P_3

P_1

Unit = 1.00000

A = 1.80811

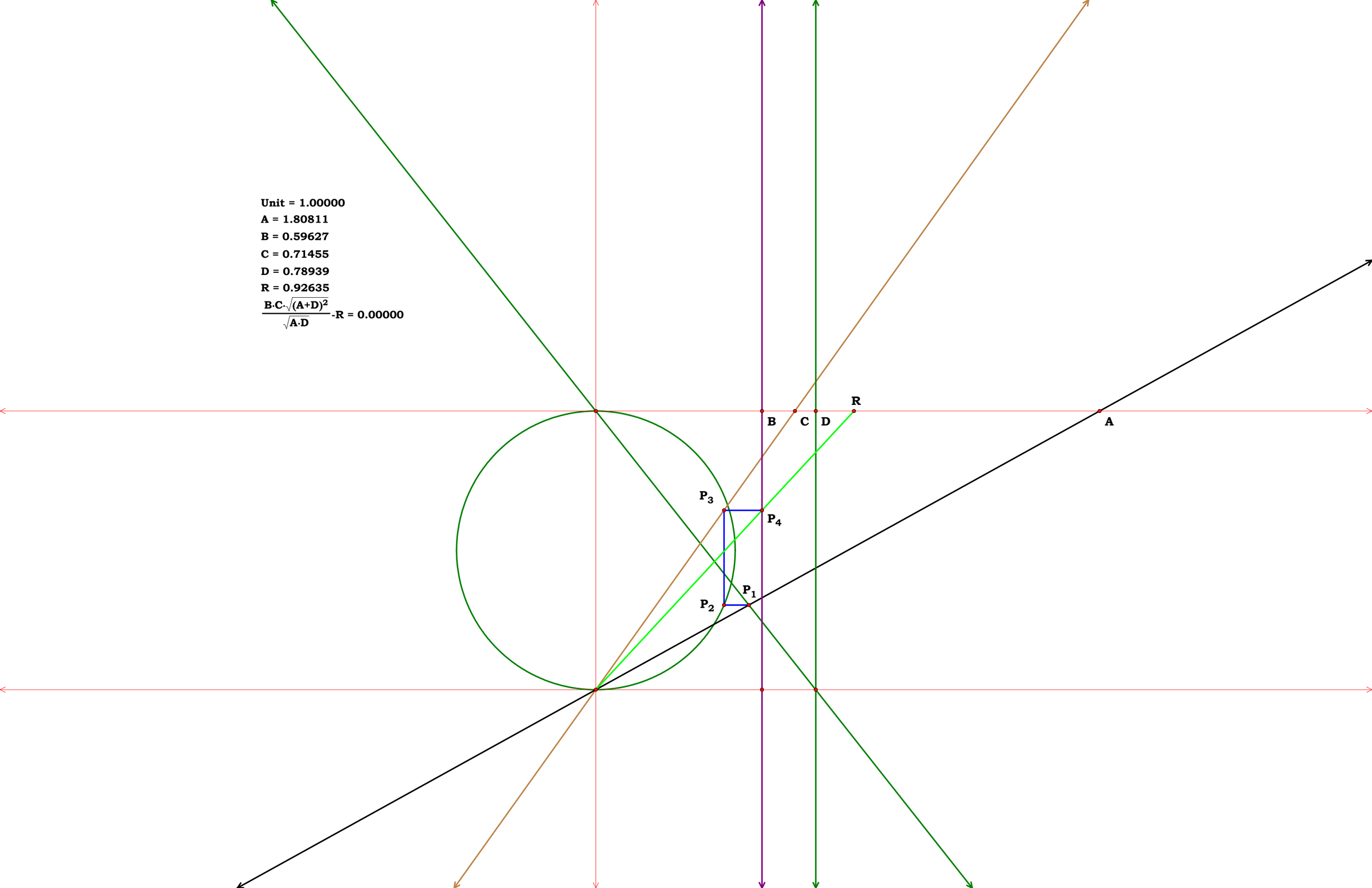
B = 0.59627

C = 0.71455

D = 0.78939

R = 0.92635

$\frac{B \cdot C \cdot \sqrt{(A+D)^2}}{\sqrt{A \cdot D}} - R = 0.00000$



Unit = 1.00000

A = 0.96561

B = 1.52326

C = 0.55764

D = 0.70731

R = 0.45869

$$\frac{2\cdot B\cdot D\cdot\sqrt{(A\cdot(B+C)-B\cdot C)^2}\cdot(A-C)}{\left(\sqrt{(A\cdot(B+C)-B\cdot C)^2}+\sqrt{((2\cdot D+1)\cdot A\cdot B+C\cdot(A-B-2\cdot B\cdot D))\cdot((1-2\cdot D)\cdot A\cdot B+C\cdot((A-B)+2\cdot B\cdot D))}\right)\cdot(A\cdot(B+C)-B\cdot C)}-R = 0.00000$$

R

C

D

A

B

P_4

P_2

P_3

P_1

Unit = 1.00000

A = 1.35669

B = 1.08149

C = 0.67110

R = 0.49738

$$\frac{\sqrt{A^2 \cdot B \cdot C - A \cdot B \cdot C^2}}{\sqrt{((A \cdot B + A \cdot C) - B \cdot C)^2}} - R = 0.00000$$

R

C

B

A

P_2

P_3

P_1

N[1] -> 0
N[1] -> 1
N[1] -> 2
N[1] -> 3
N[1] -> 4
N[1] -> 5
N[1] -> 6
N[1] -> 7
N[1] -> 8
N[1] -> 9
N[1] -> 10
N[1] -> 11

N[2] -> 0
N[2] -> 1
N[2] -> 2
N[2] -> 3
N[2] -> 4
N[2] -> 5
N[2] -> 6
N[2] -> 7
N[2] -> 8
N[2] -> 9
N[2] -> 10
N[2] -> 11

N[3] -> 0
N[3] -> 1
N[3] -> 2
N[3] -> 3
N[3] -> 4
N[3] -> 5
N[3] -> 6
N[3] -> 7
N[3] -> 8
N[3] -> 9
N[3] -> 10
N[3] -> 11
Show Lines
Show Points

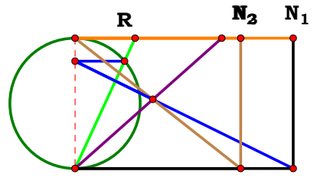
Show Intersections
Hide Objects

$N_1 = 1.67305$

$N_2 = 1.12592$

$N_3 = 1.27120$

$R = 0.46123$



$$\left(\frac{\sqrt{N_1^2 \cdot N_2 \cdot N_3 - N_1 \cdot N_2 \cdot N_3^2}}{N_1 \cdot N_3}\right) \cdot \left(\frac{(N_1 \cdot N_2 + N_1 \cdot N_3) - N_2 \cdot N_3}{\sqrt{((N_1 \cdot N_2 + N_1 \cdot N_3) - N_2 \cdot N_3)^2}}\right) - R = 0.00000$$

Unit = 1.00000
A = 1.52084
B = 1.76707
C = 1.14425
D = 1.07183
R = 0.62944

$$\frac{A \cdot B \cdot D}{(A \cdot B^2 \cdot D - A \cdot C) + C \cdot D} - R = 0.00000$$

R

D C A B

P_1

P_1

P_2

Unit = 1.00000

A = 1.21426

B = 1.05735

C = 1.69465

R = 0.74842

$$\frac{\left(A\cdot\sqrt{(B+C)^2}-\sqrt{B\cdot C}\right)\cdot(B+C)\cdot\sqrt{A\cdot B\cdot\left(A\cdot C\cdot\sqrt{(B+C)^2}-\sqrt{B\cdot C}\cdot(B+C)\right)}}{A\cdot B\cdot\sqrt{(B+C)^2}^{\frac{3}{2}}\cdot\sqrt{\left(\sqrt{B\cdot C}-A\cdot\sqrt{(B+C)^2}\right)^2}}-R = 0.00000$$

R

B

A

C

P_3

P_4

P_2

P_1

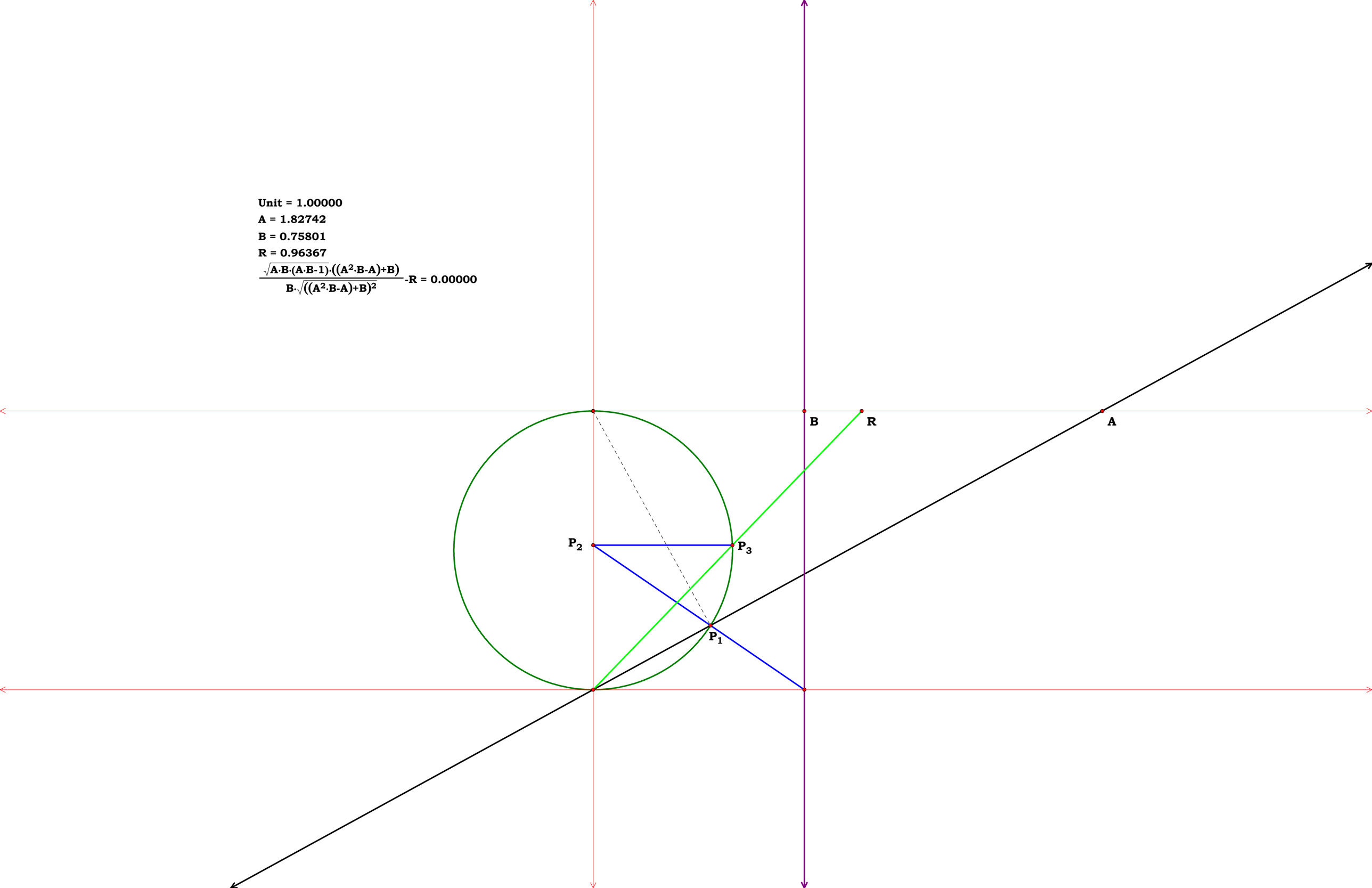
Unit = 1.00000

A = 1.82742

B = 0.75801

R = 0.96367

$$\frac{\sqrt{A\cdot B\cdot(A\cdot B-1)\cdot((A^2\cdot B-A)+B)}}{B\cdot\sqrt{((A^2\cdot B-A)+B)^2}}-R = 0.00000$$



Unit = 1.00000

A = 1.22874

B = 1.69224

C = 0.67110

R = 0.99757

$\frac{B \cdot C \cdot (A \cdot B - 1)}{A} - R = 0.00000$

C

R

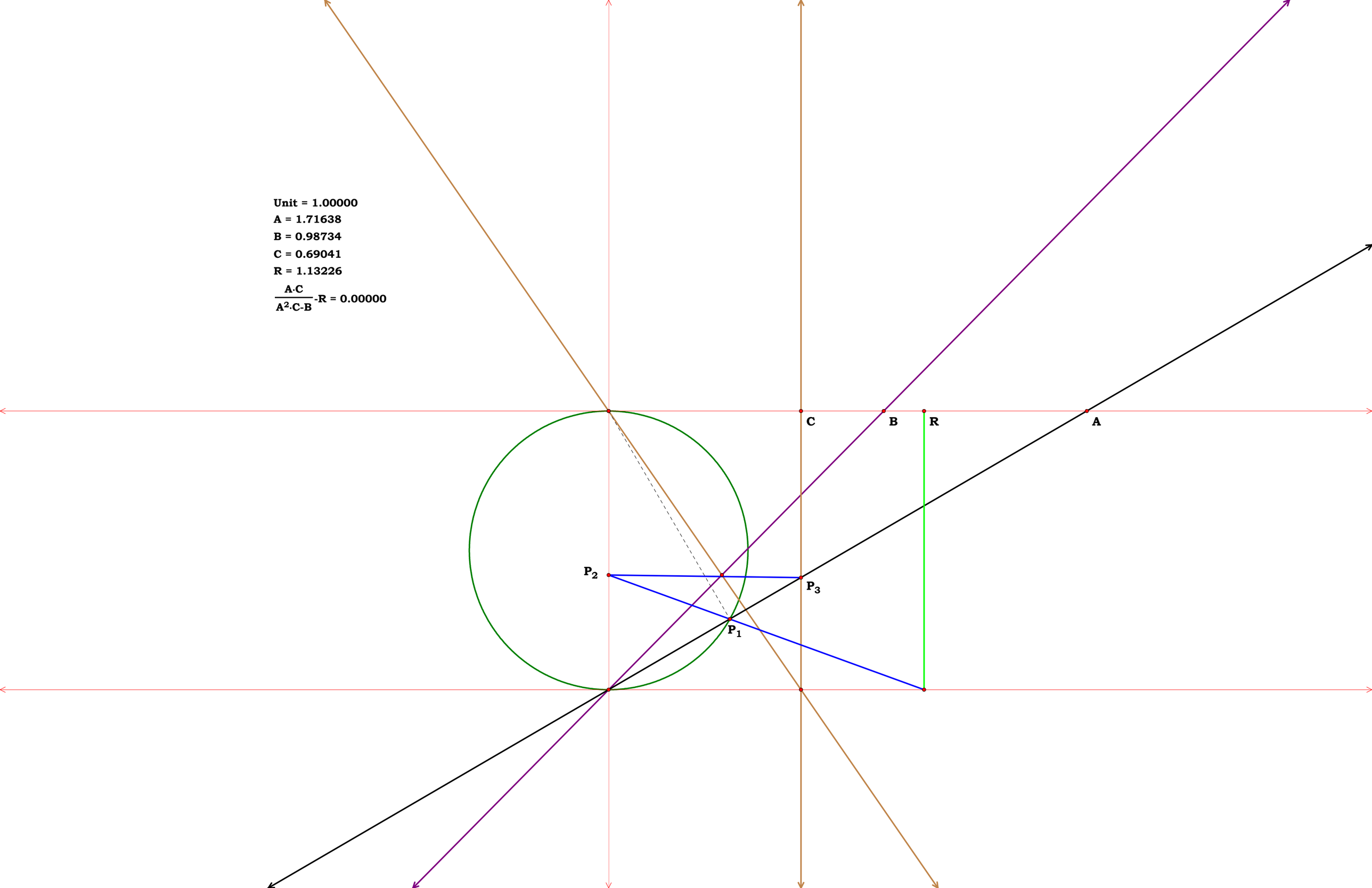
A

B

P_2

P_3

P_1


Unit = 1.00000
A = 1.71638
B = 0.98734
C = 0.69041
R = 1.13226
$\frac{A \cdot C}{A^2 \cdot C - B} - R = 0.00000$
C
B
R
A
P_2
P_3
P_1

Unit = 1.00000

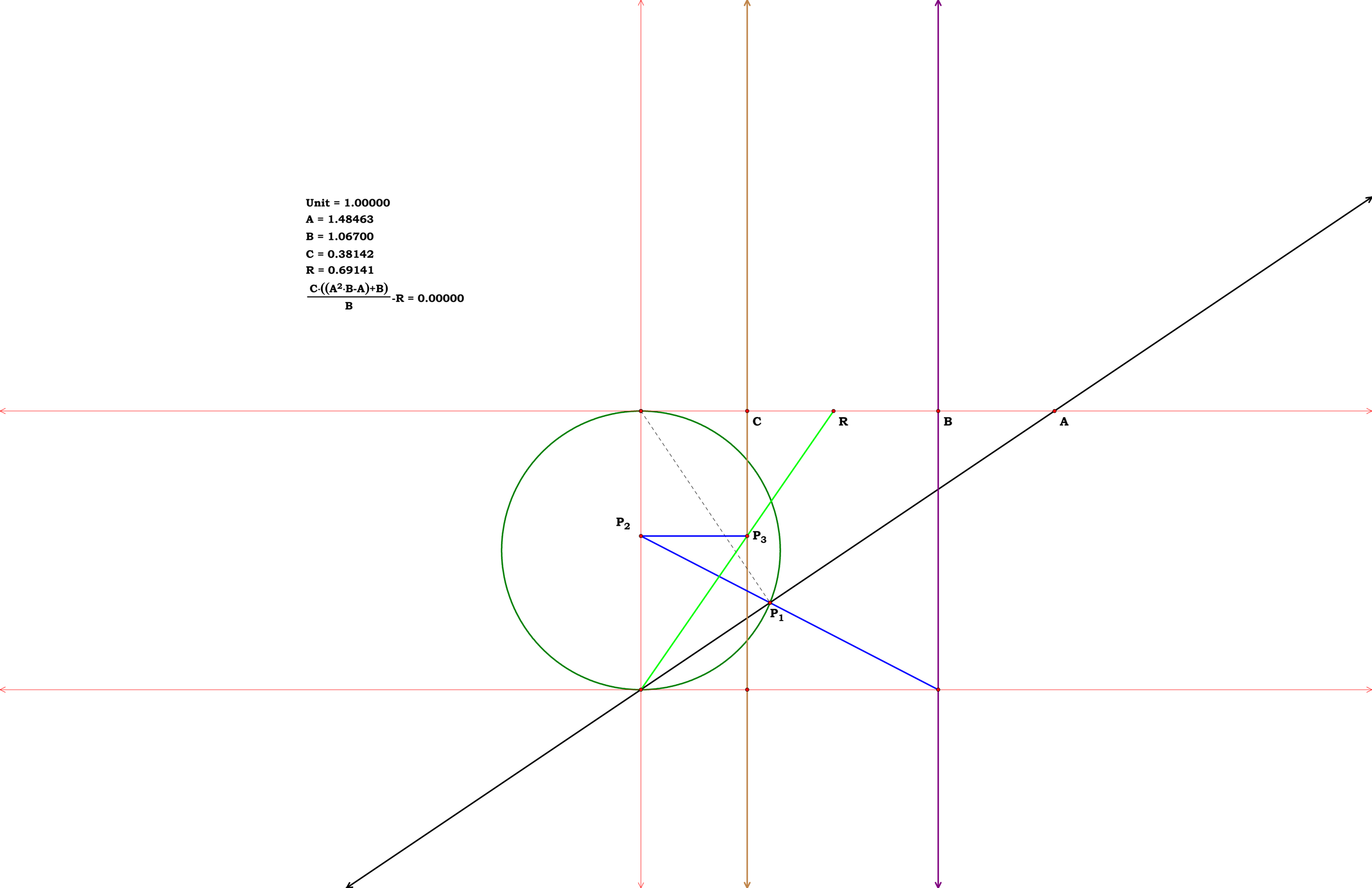
A = 1.48463

B = 1.06700

C = 0.38142

R = 0.69141

$\frac{C\cdot((A^2\cdot B-A)+B)}{B}$-R = 0.00000



Unit = 1.00000

A = 2.00124

B = 0.89078

C = 1.30358

R = 1.12616

$\frac{\sqrt{A^2 \cdot C \cdot (C-B)}}{\sqrt{C^2}} - R = 0.00000$

R

B

C

A

P_3

P_4

P_1

P_2

Unit = 1.00000

A = 1.75500

B = 1.07907

C = 1.43394

D = 0.72904

R = 0.55570

$\frac{A^2 \cdot D \cdot (C-B)}{C} - R = 0.00000$

Hide Line

R

D

B

C

A

P_3

P_4

P_1

P_2

Unit = 1.00000

A = 1.58361

B = 0.84974

C = 1.11287

D = 0.64213

R = 1.02289

$\frac{D\cdot(C-A^2\cdot(B-C))}{C}$-R = 0.00000

D

B

R

C

A

P_3

P_4

P_1

P_2